

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

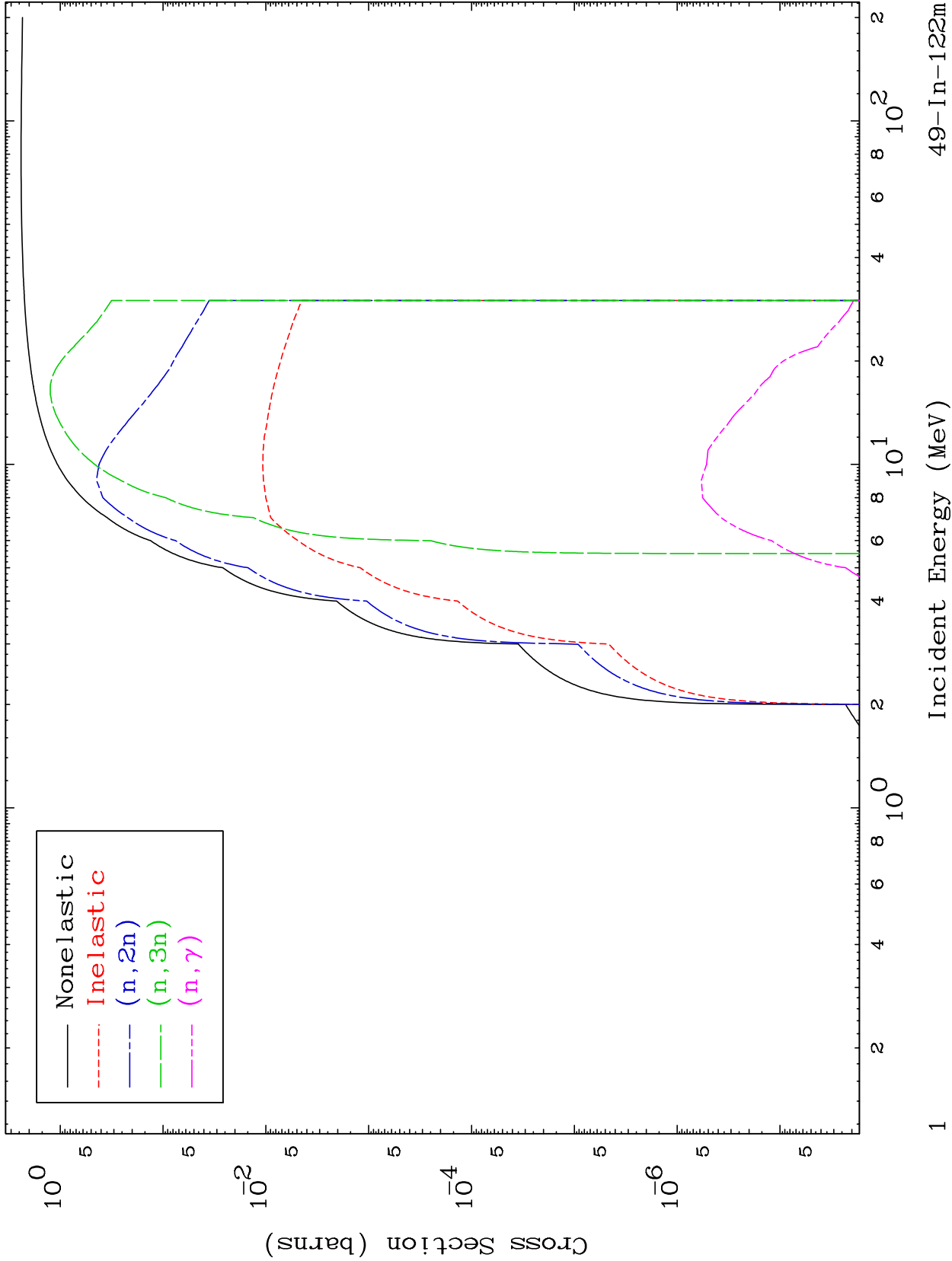
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4953

Deuteron Major  
0 Kelvin Cross Sections

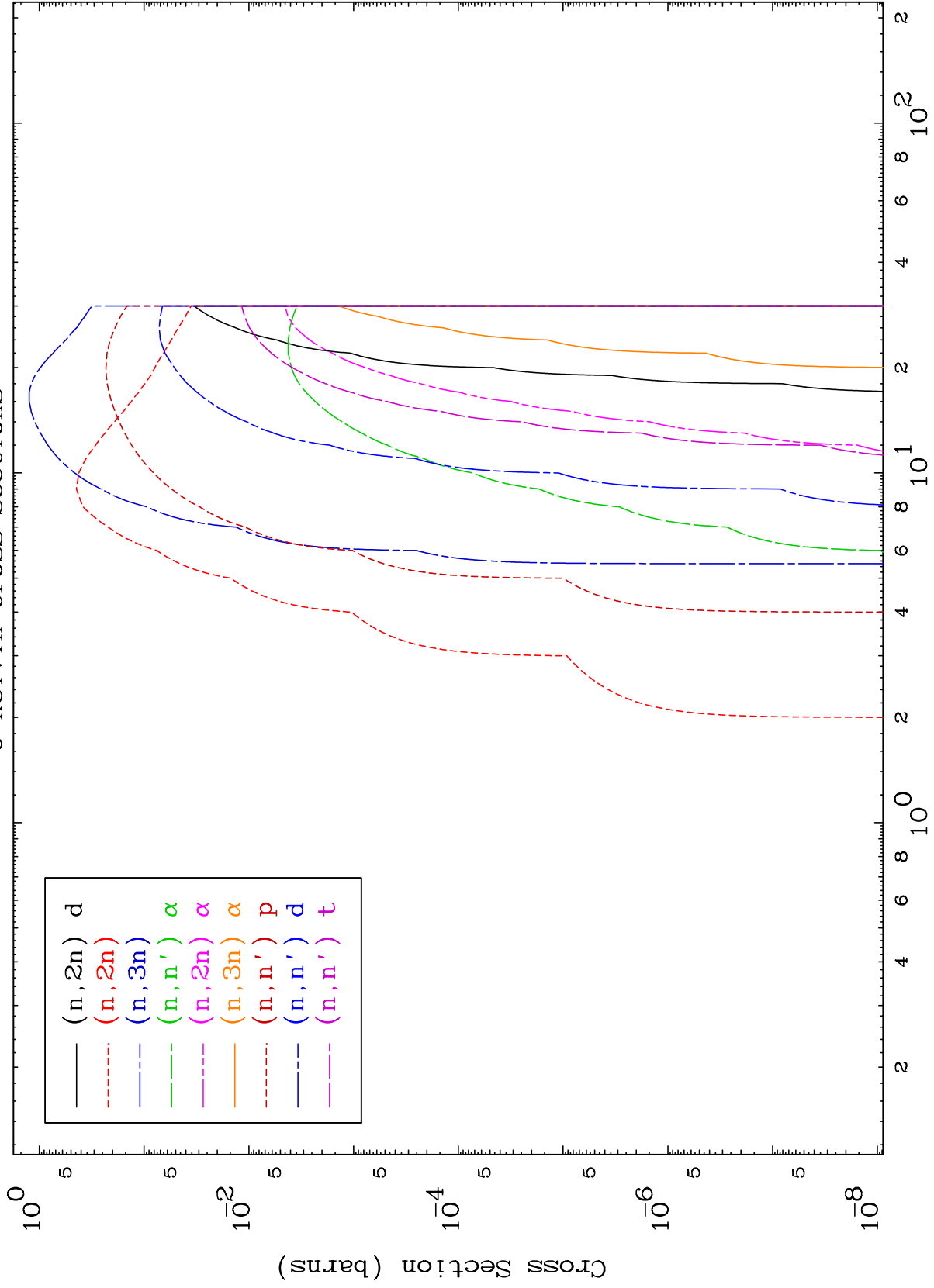
49-In-122m



MAT 4953

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

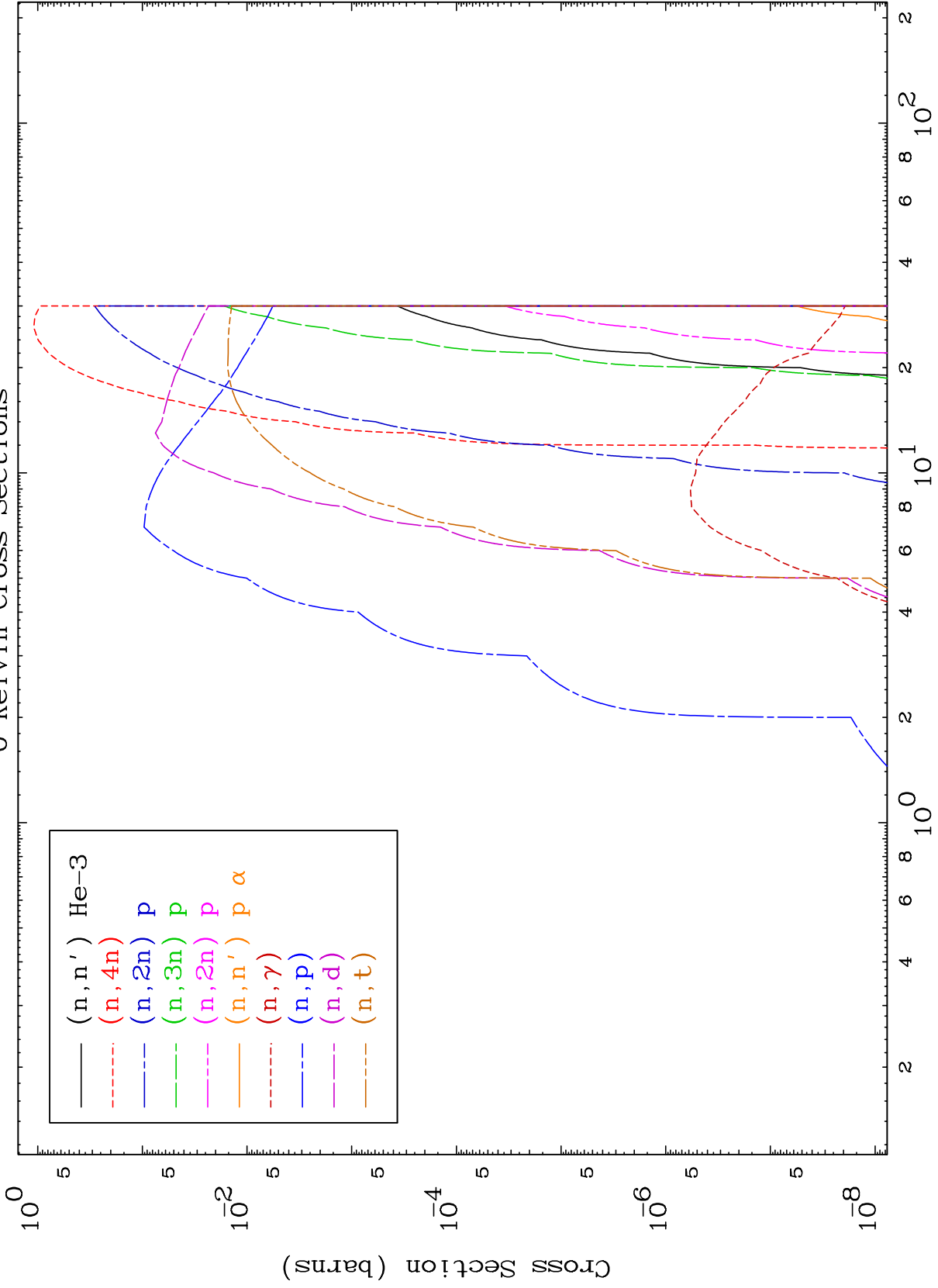
49-In-122m



MAT 4953

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

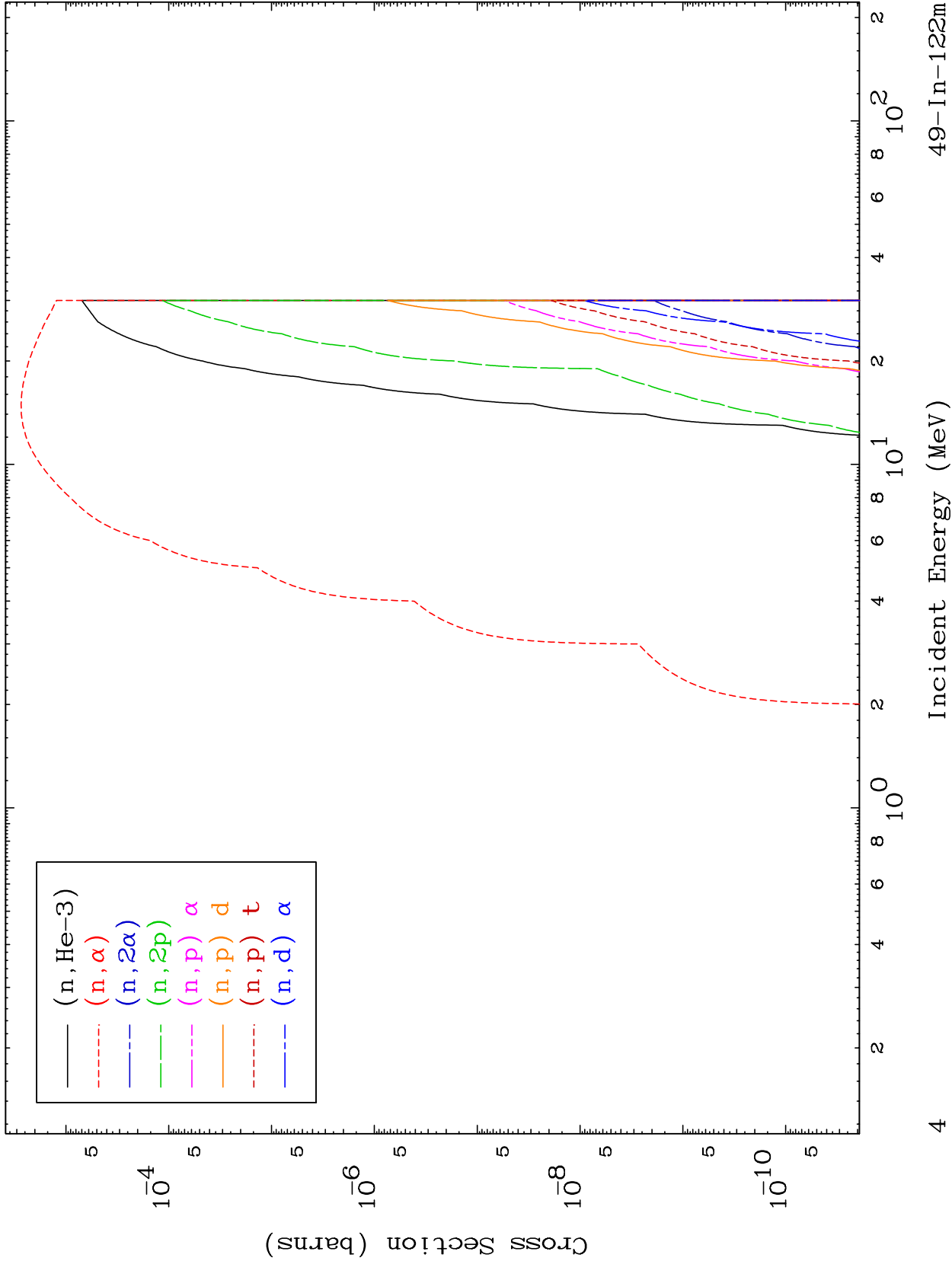
49-In-122m



MAT 4953

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

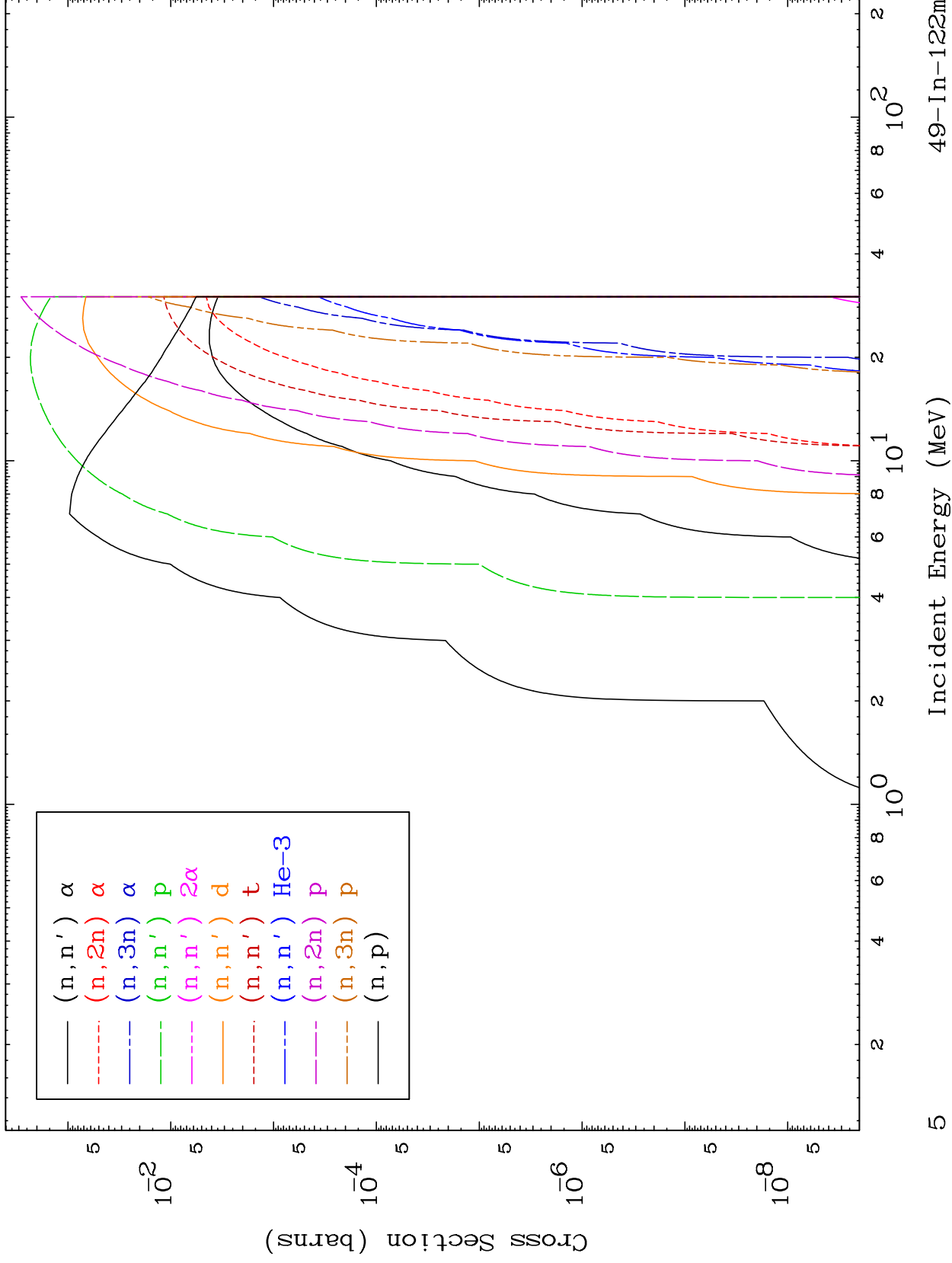
49-In-122m



MAT 4953

Deuteron Charged Particle  
0 Kelvin Cross Sections

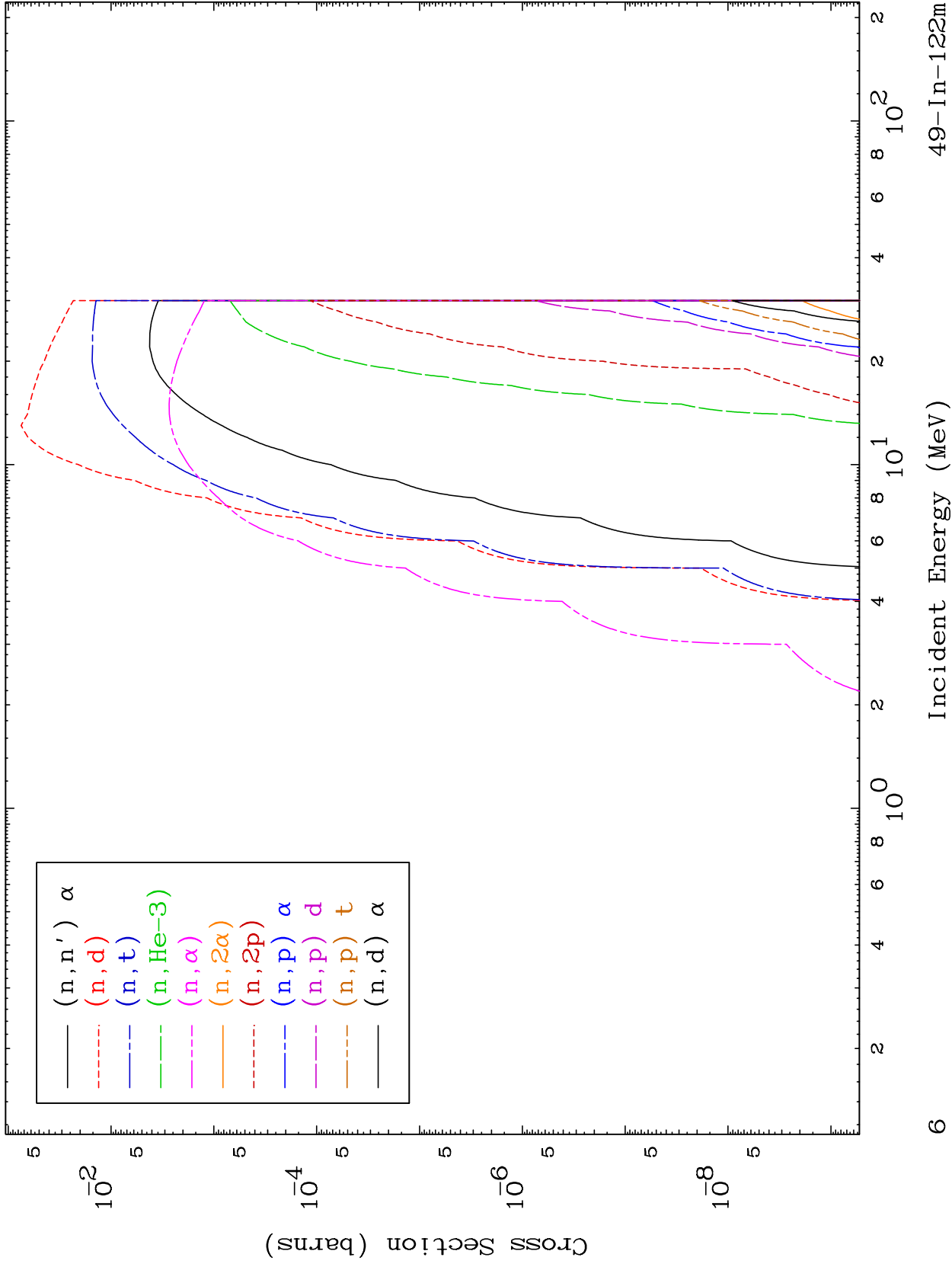
49-In-122m



MAT 4953

Deuteron Charged Particle  
0 Kelvin Cross Sections

49-In-122m

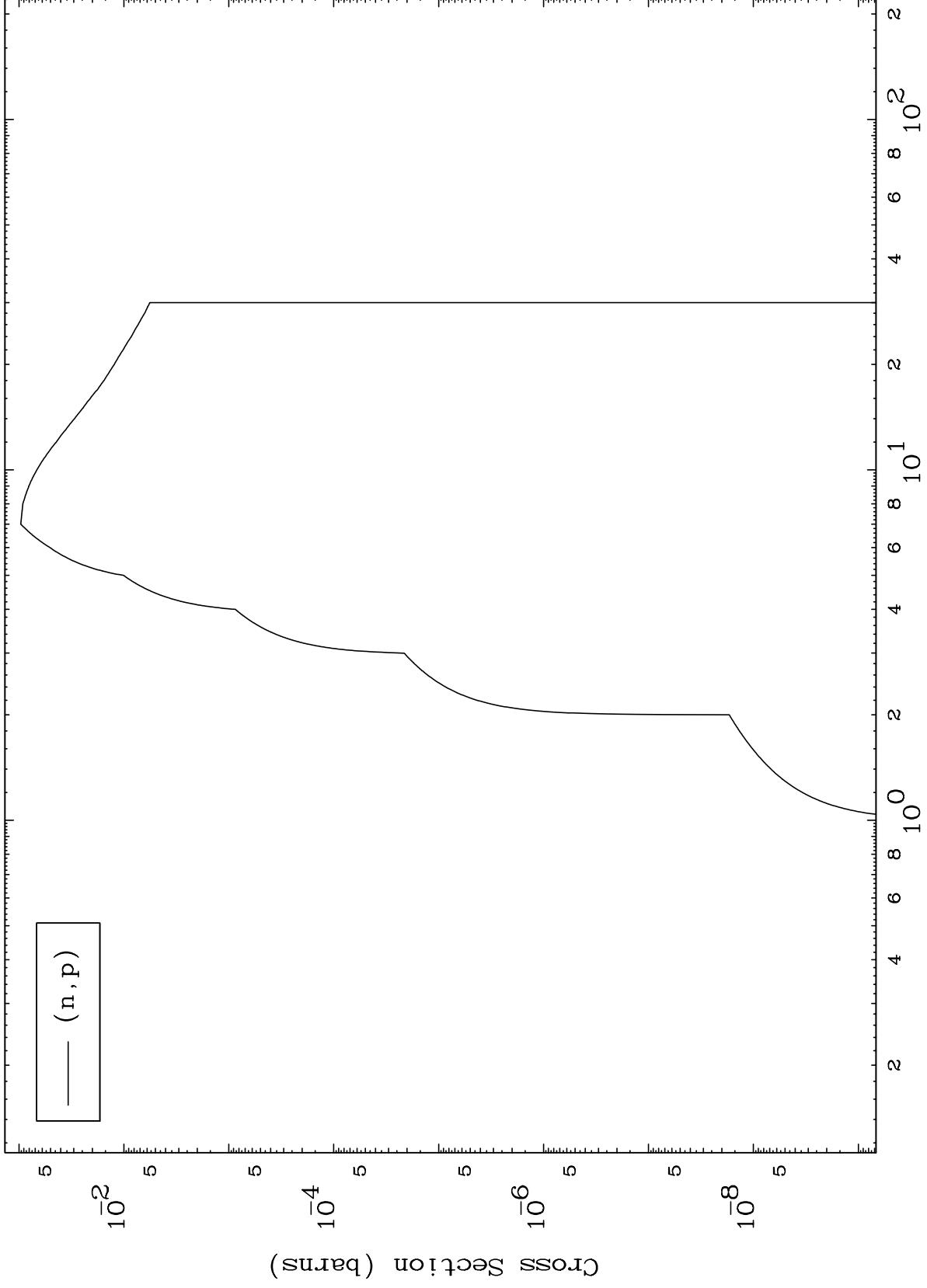


MAT 4953

(d,p) Levels

49-In-122m

0 Kelvin Cross Sections



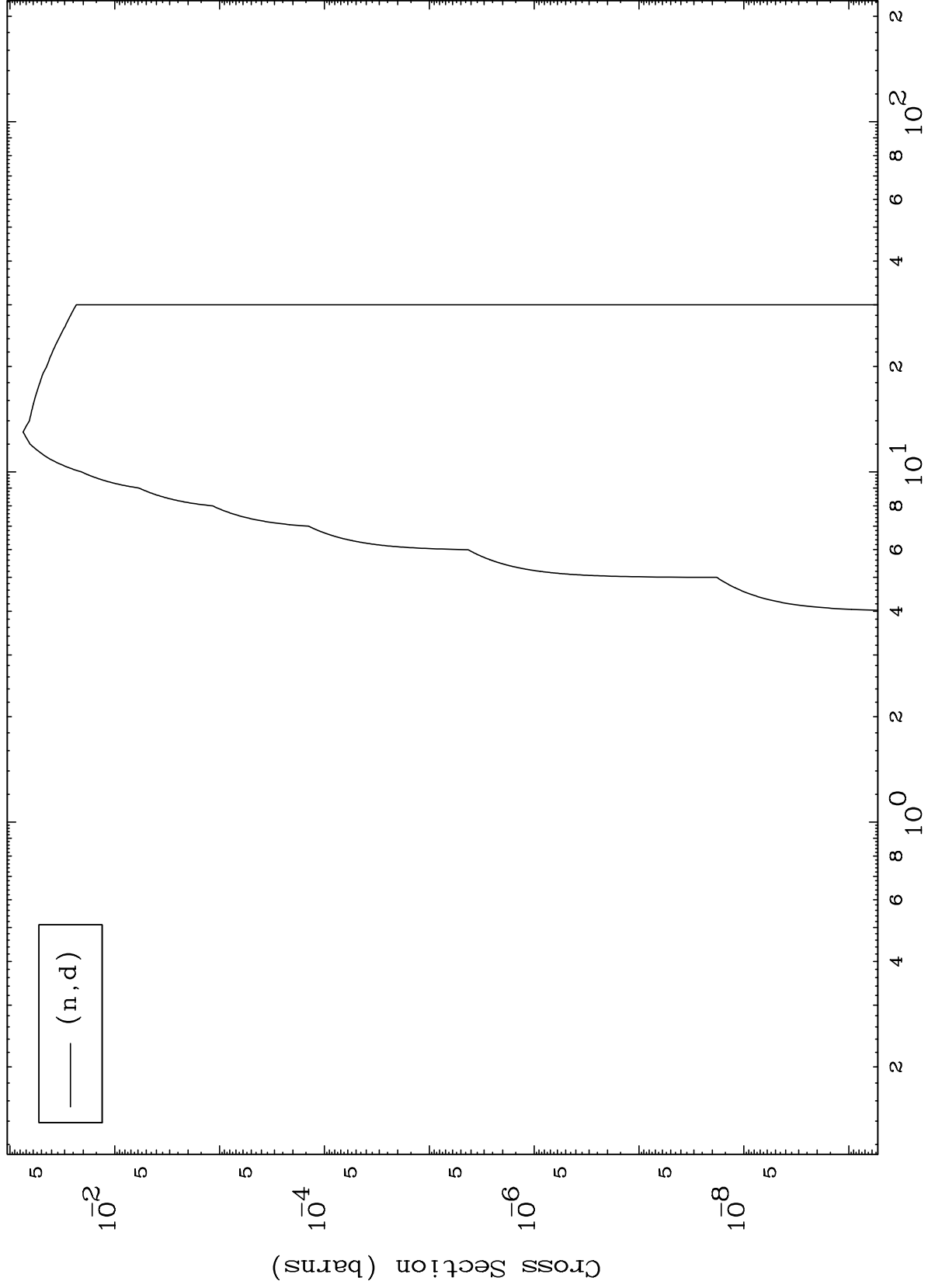


MAT 4953

(d,d) Levels

49-In-122m

0 Kelvin Cross Sections

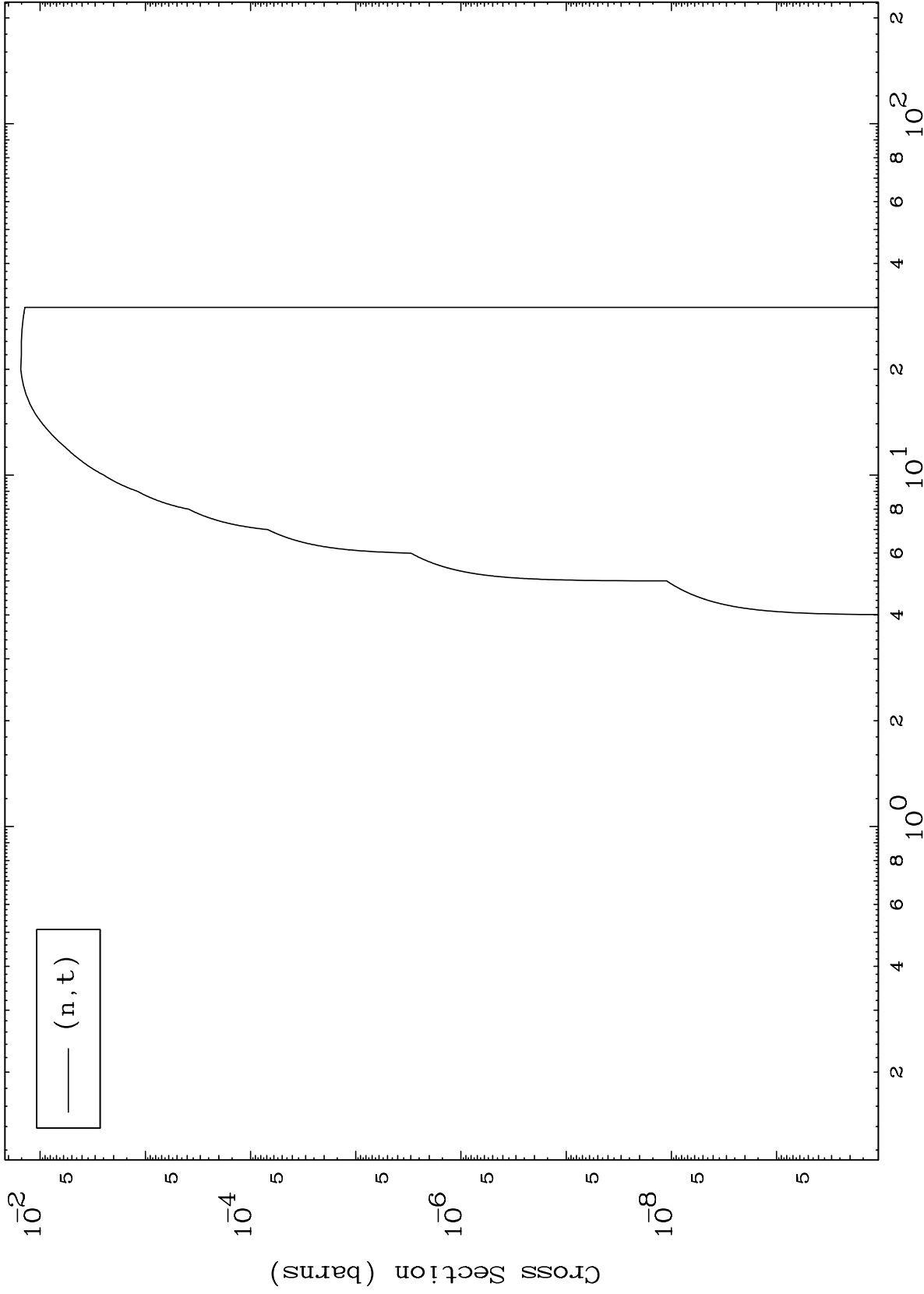


MAT 4953

(d, t) Levels

49-In-122m

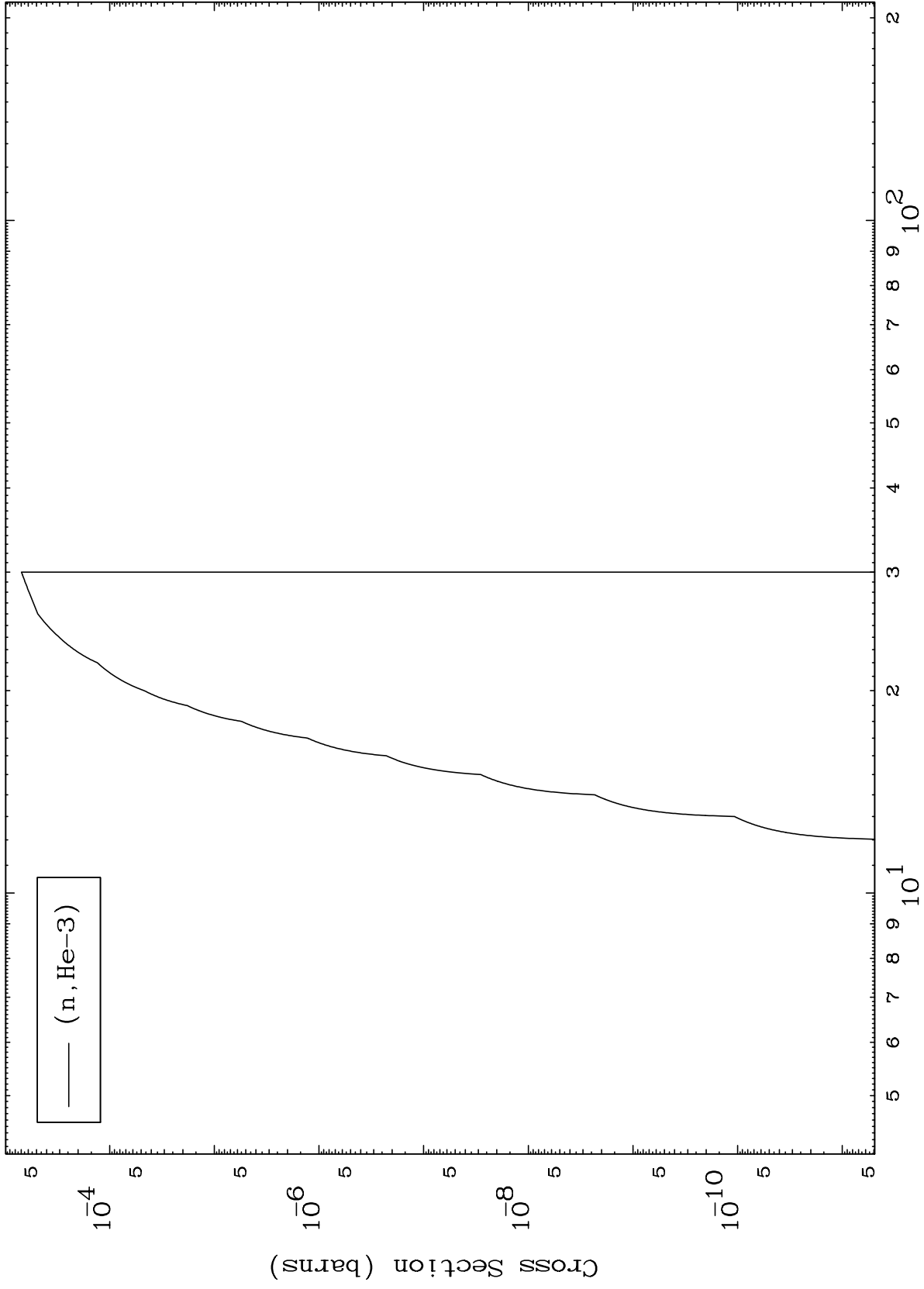
0 Kelvin Cross Sections



MAT 4953

(d,He3) Levels  
0 Kelvin Cross Sections

49-In-122m



10

Incident Energy (MeV)

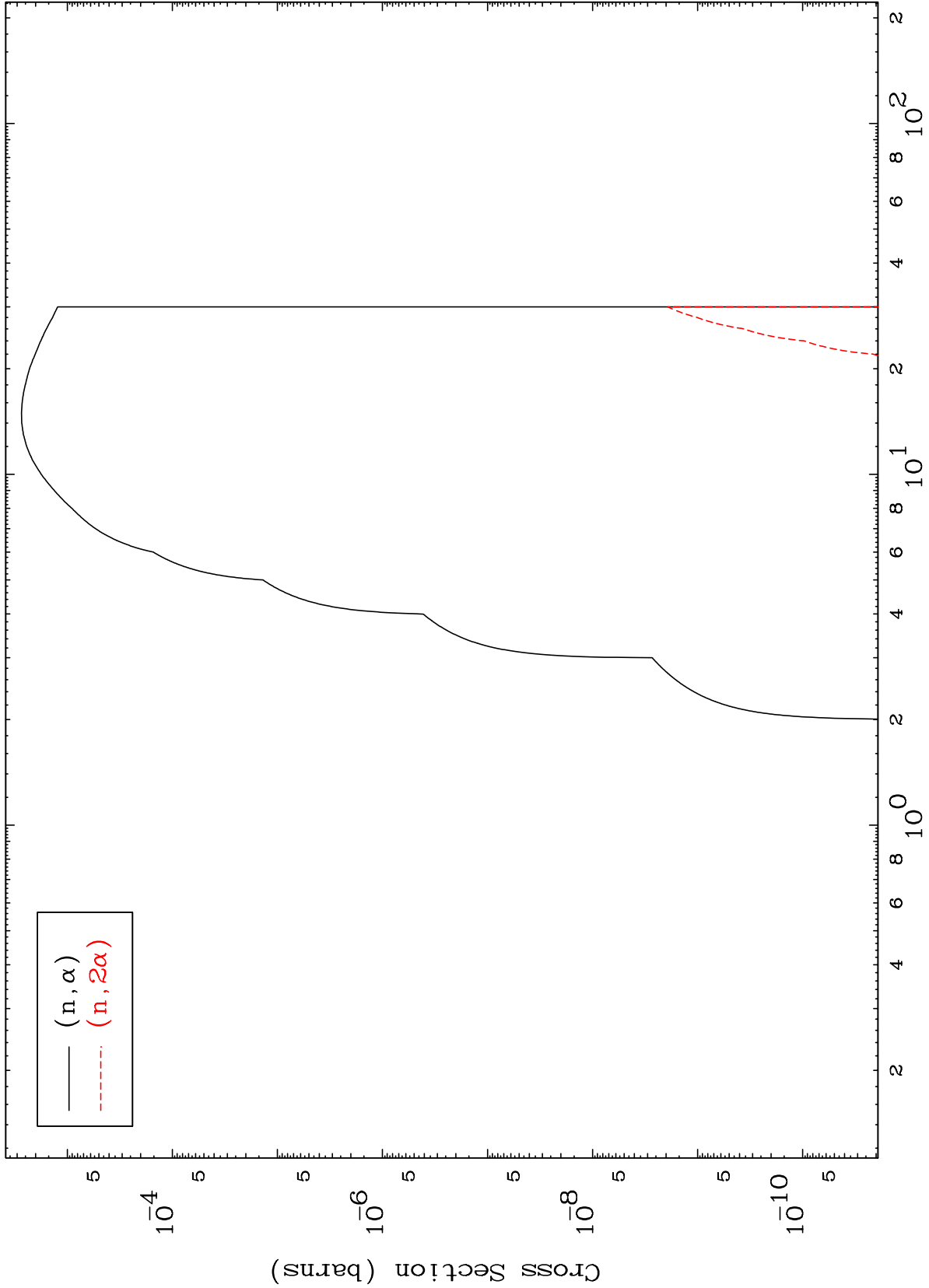
49-In-122m

MAT 4953

(d,  $\alpha$ ) Levels

49-In-122m

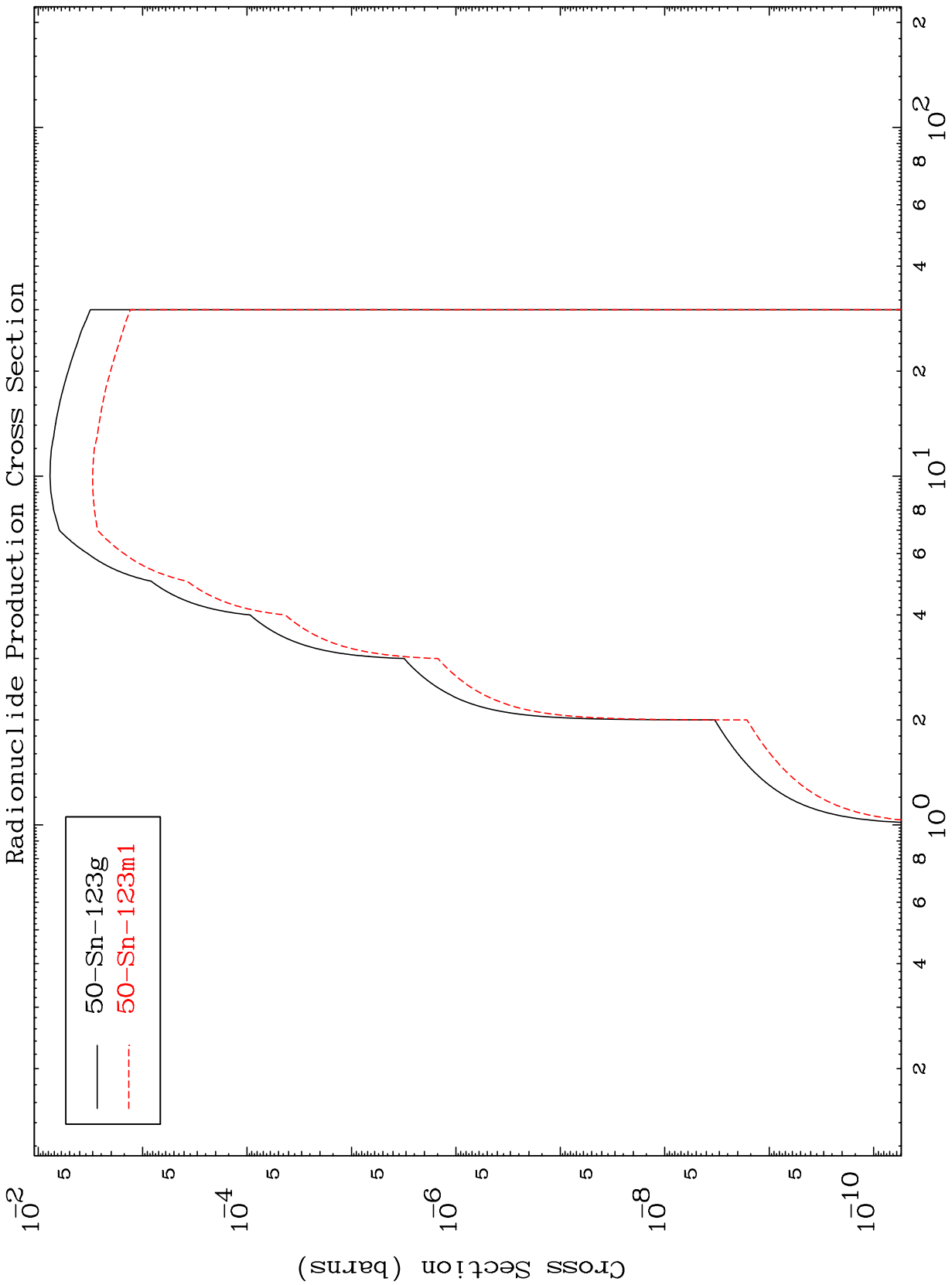
0 Kelvin Cross Sections



MAT 4953

49-In-122m

Inelastic  
Radionuclide Production Cross Section



— 50-Sn-123g  
- - - 50-Sn-123m1

49-In-122m

Incident Energy (MeV)

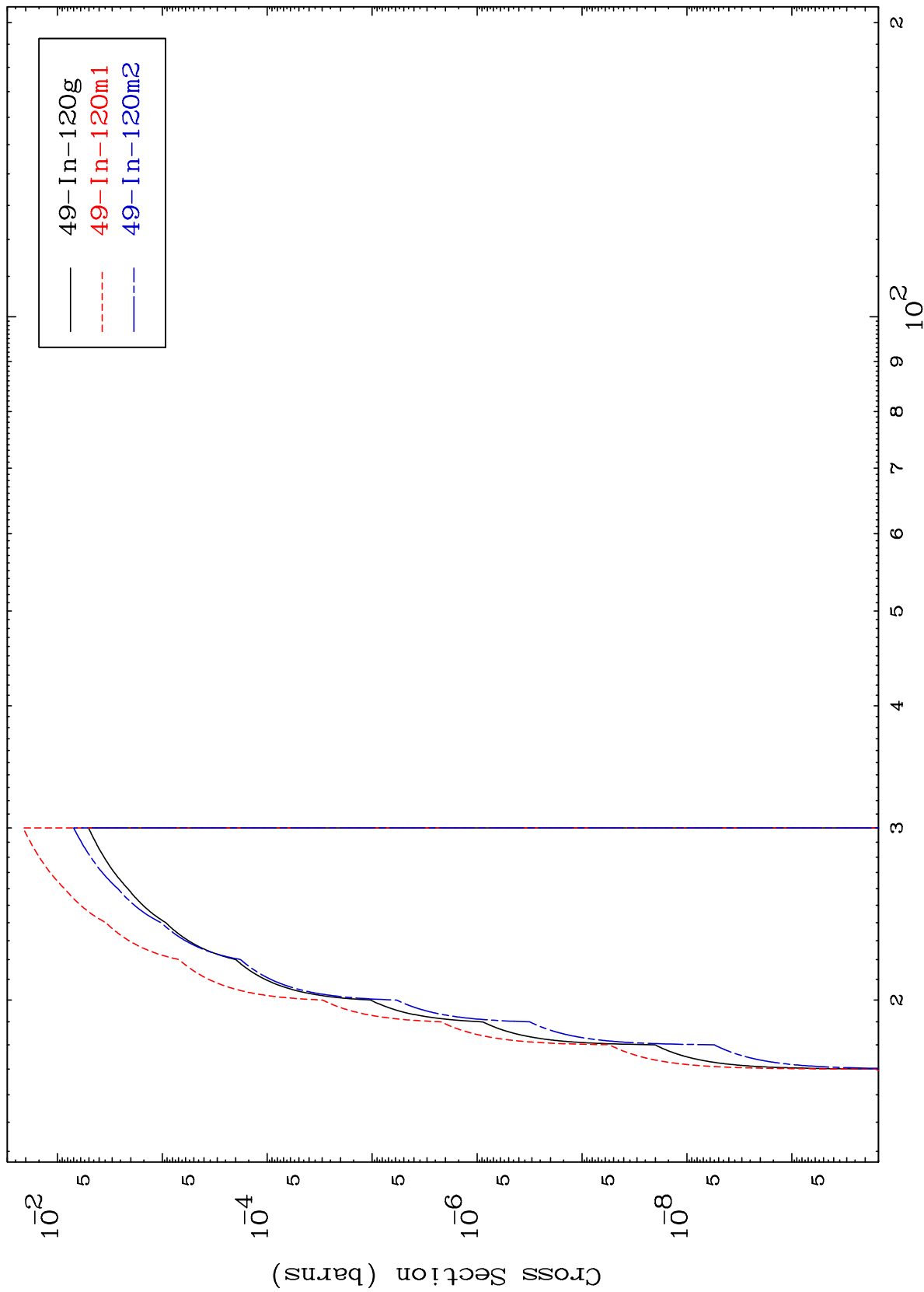
12

MAT 4953

(n,2n) d

49-In-122m

Radionuclide Production Cross Section



13

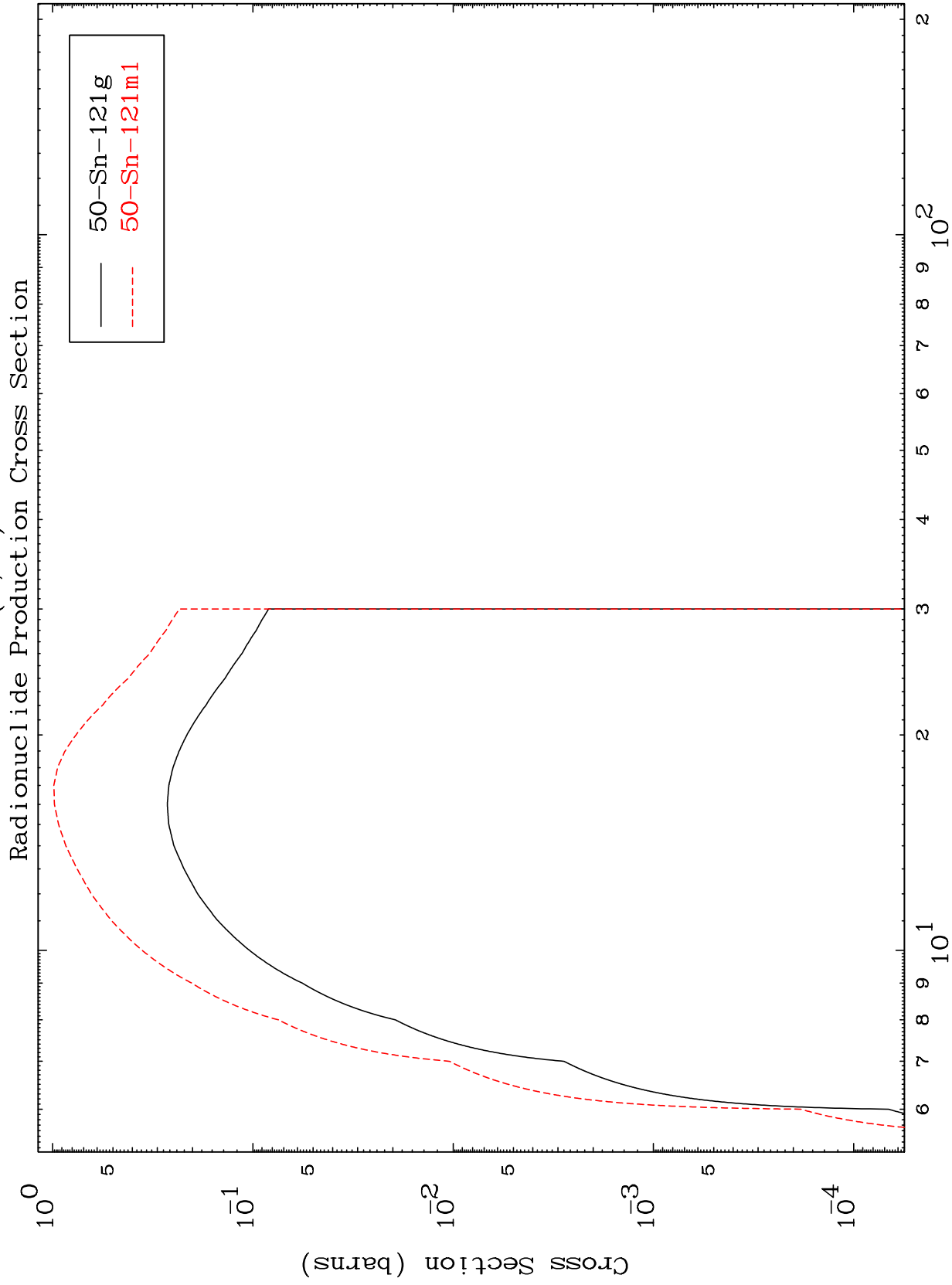
Incident Energy (MeV)

49-In-122m

MAT 4953

(n,3n)

49-In-122m



14

Incident Energy (MeV)

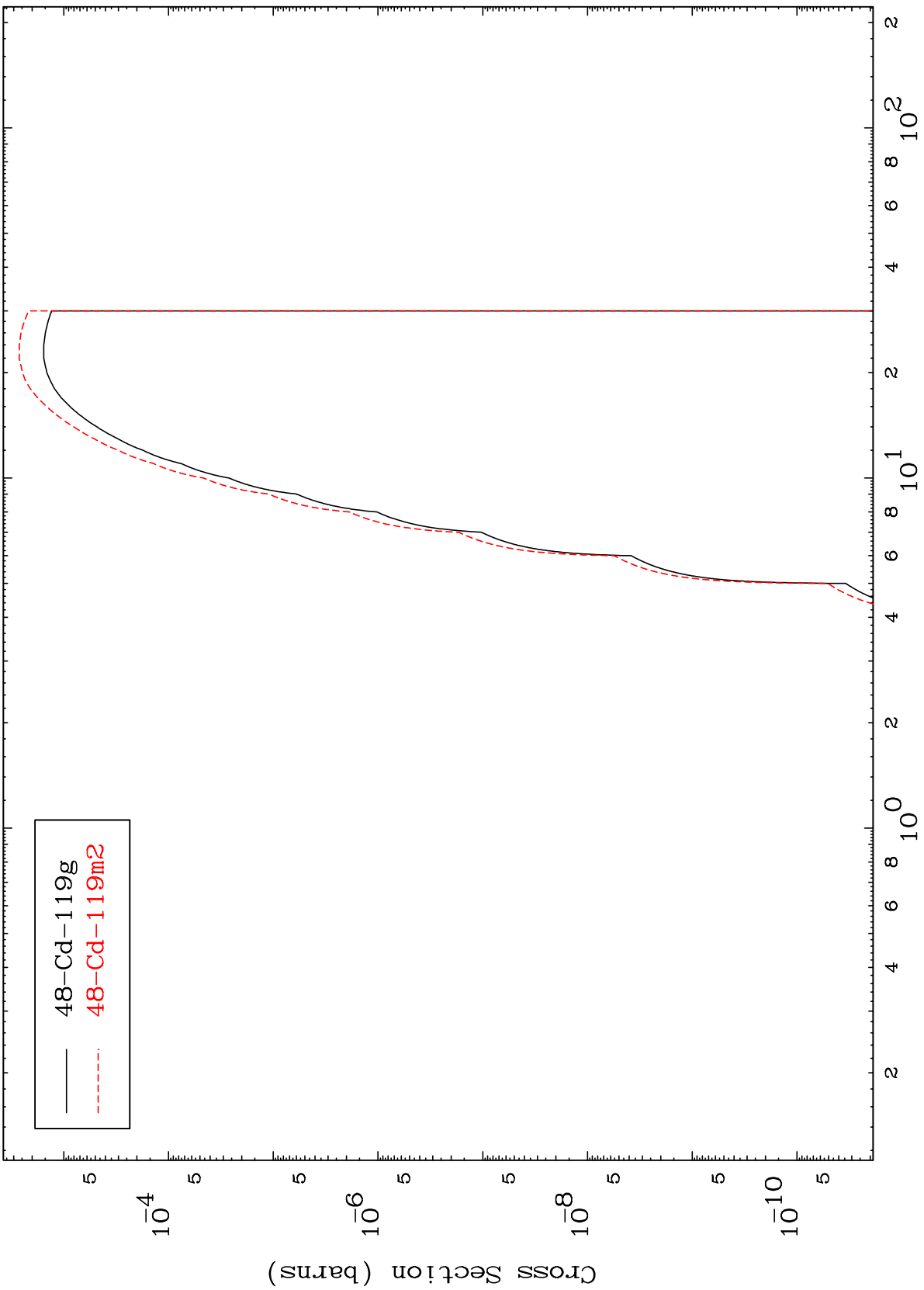
49-In-122m

MAT 4953

(n,n')  $\alpha$

49-In-122m

Radionuclide Production Cross Section



48-Cd-119g  
48-Cd-119m2

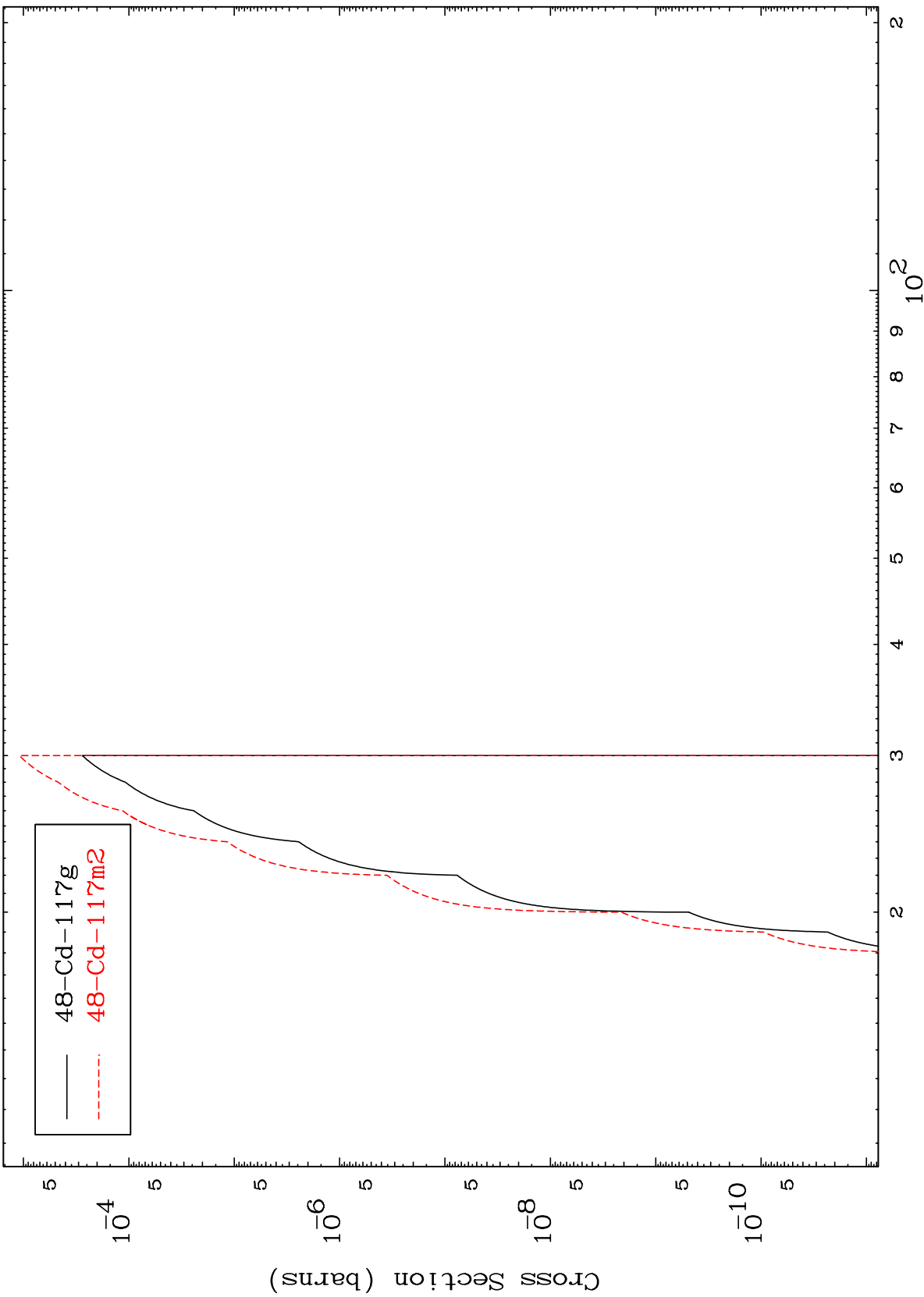


MAT 4953

(n,3n)  $\alpha$

49-In-122m

Radionuclide Production Cross Section

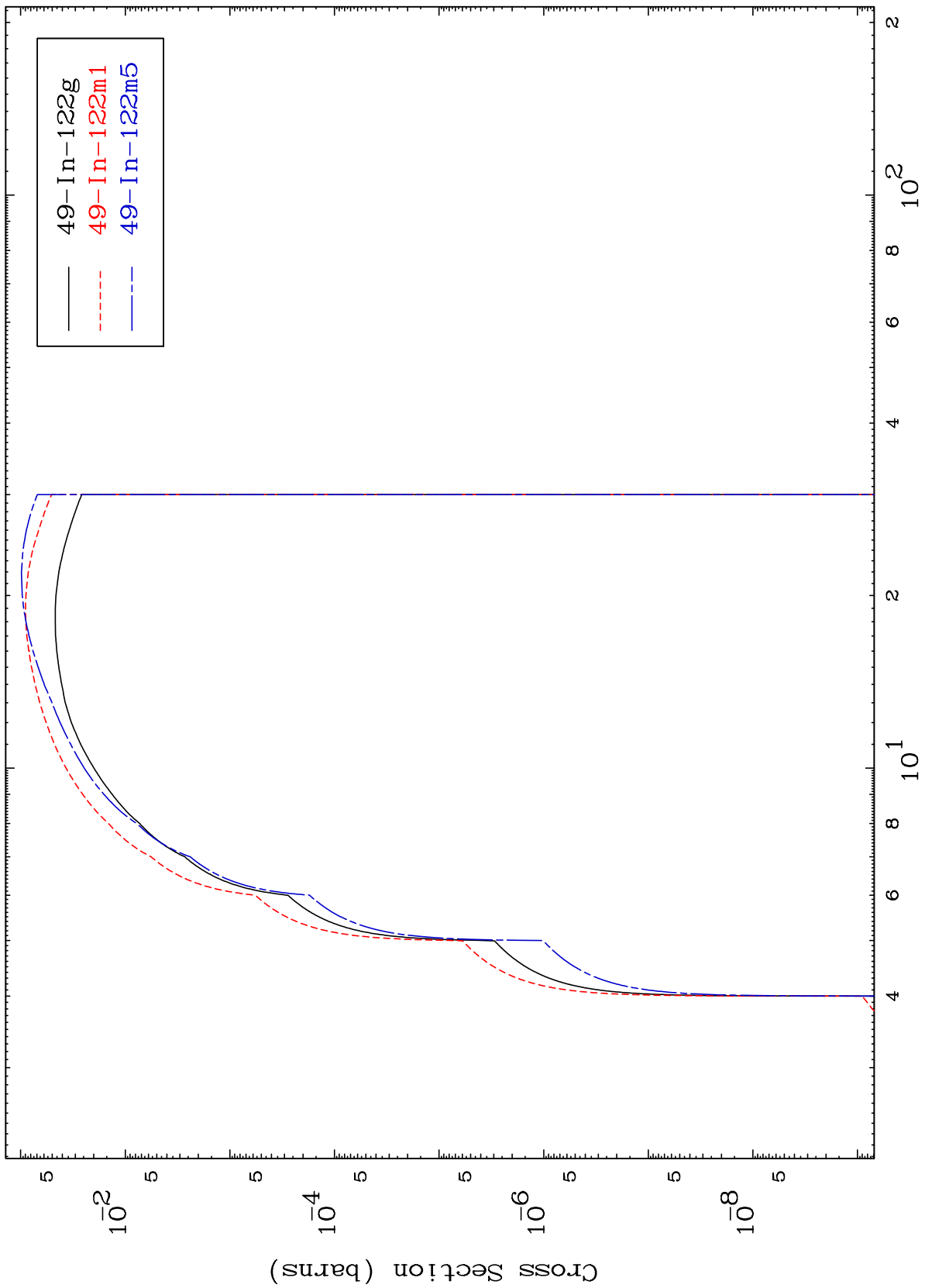


MAT 4953

(n,n') p

49-In-122m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

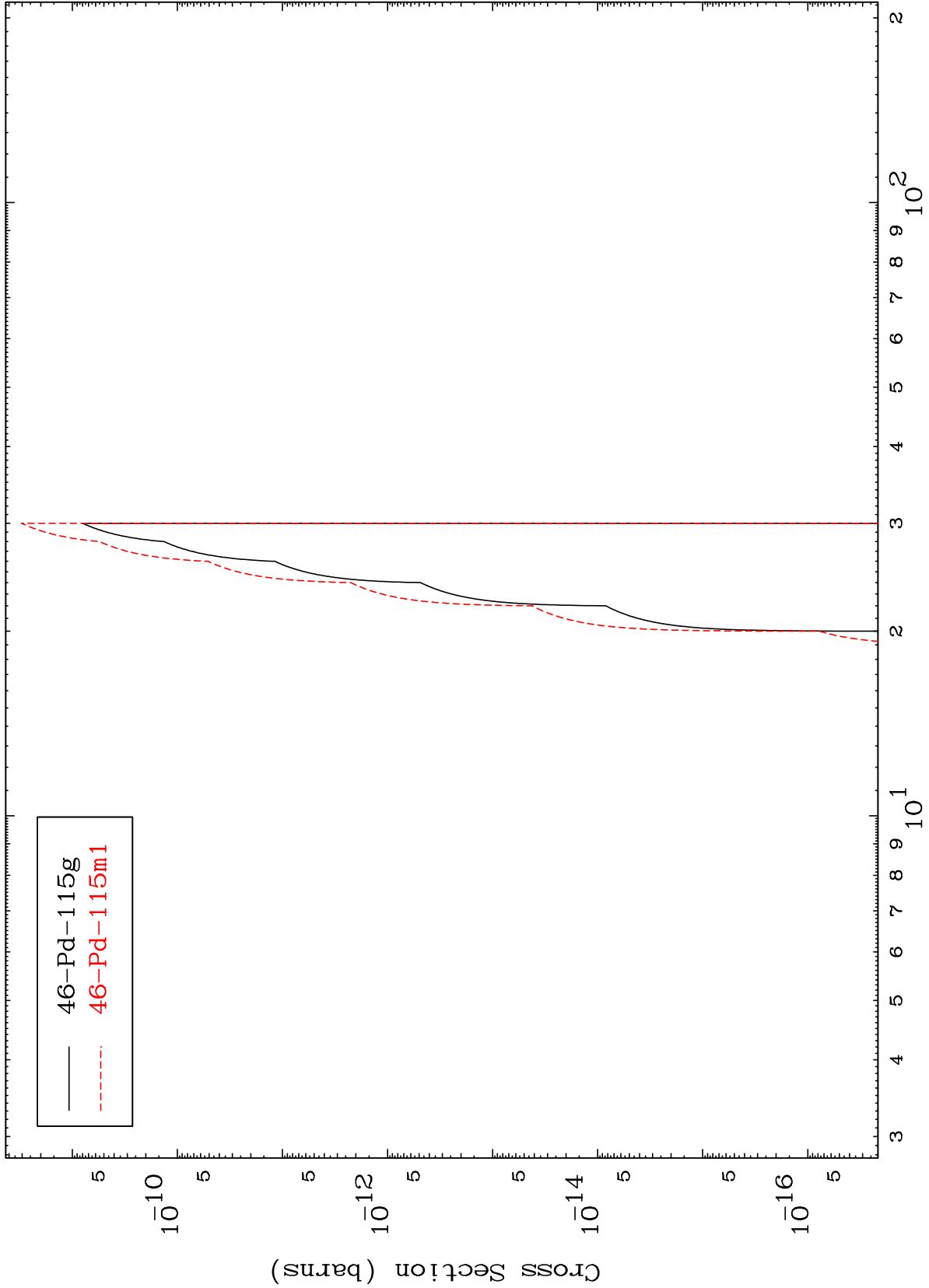
49-In-122m

MAT 4953

(n,n') 2α

49-In-122m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

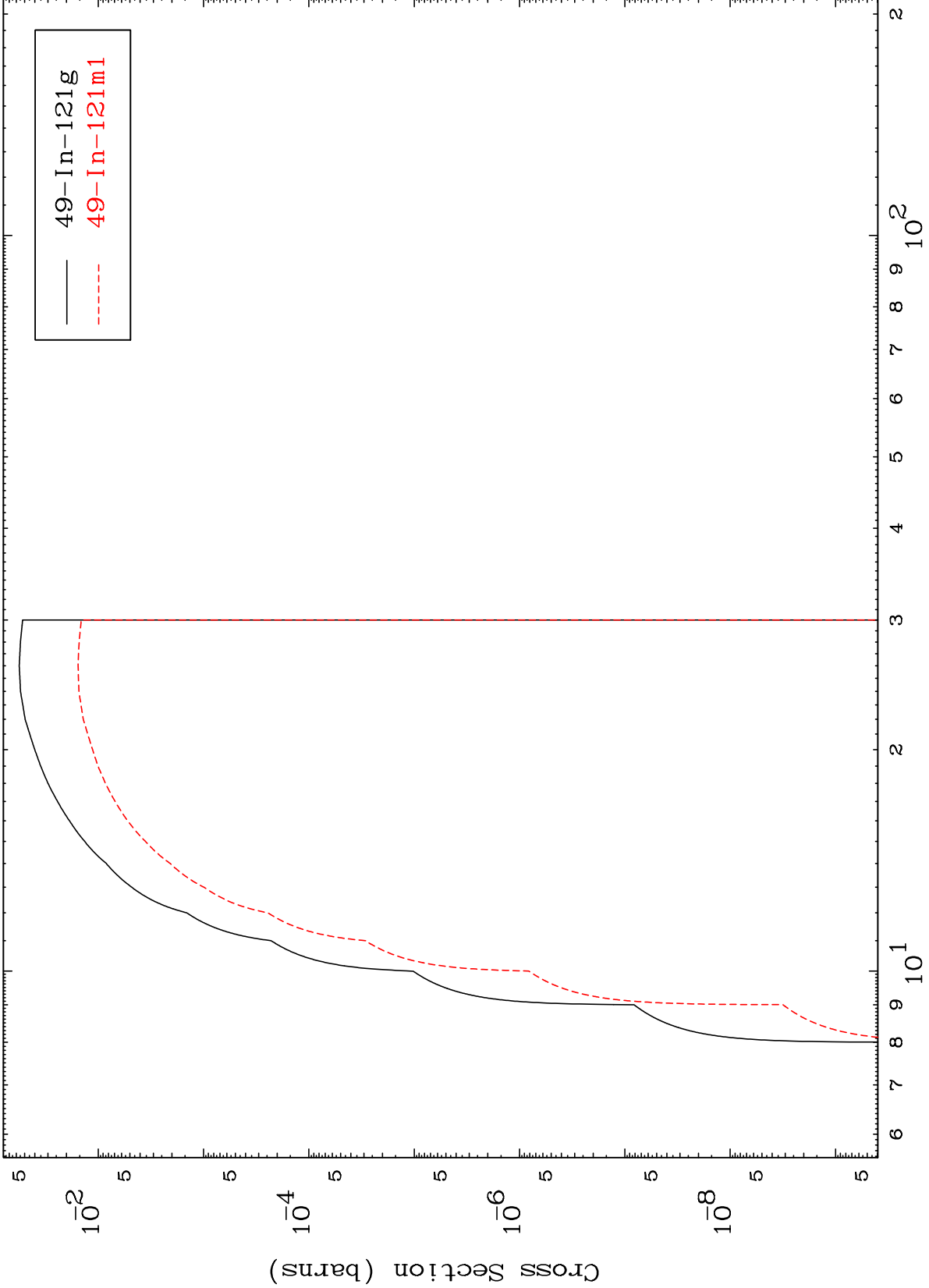
49-In-122m

MAT 4953

(n,n') d

49-In-122m

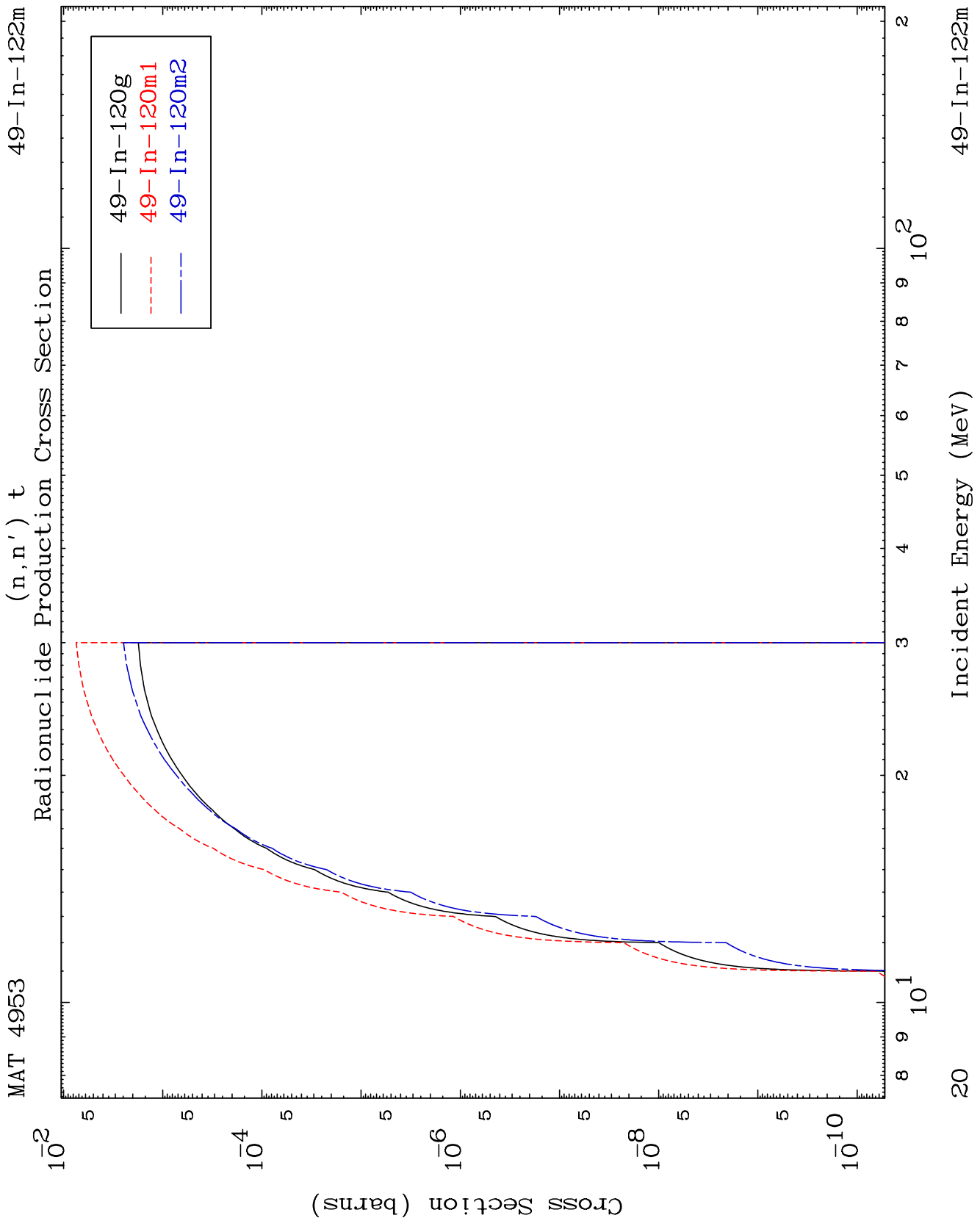
Radionuclide Production Cross Section



19

Incident Energy (MeV)

49-In-122m

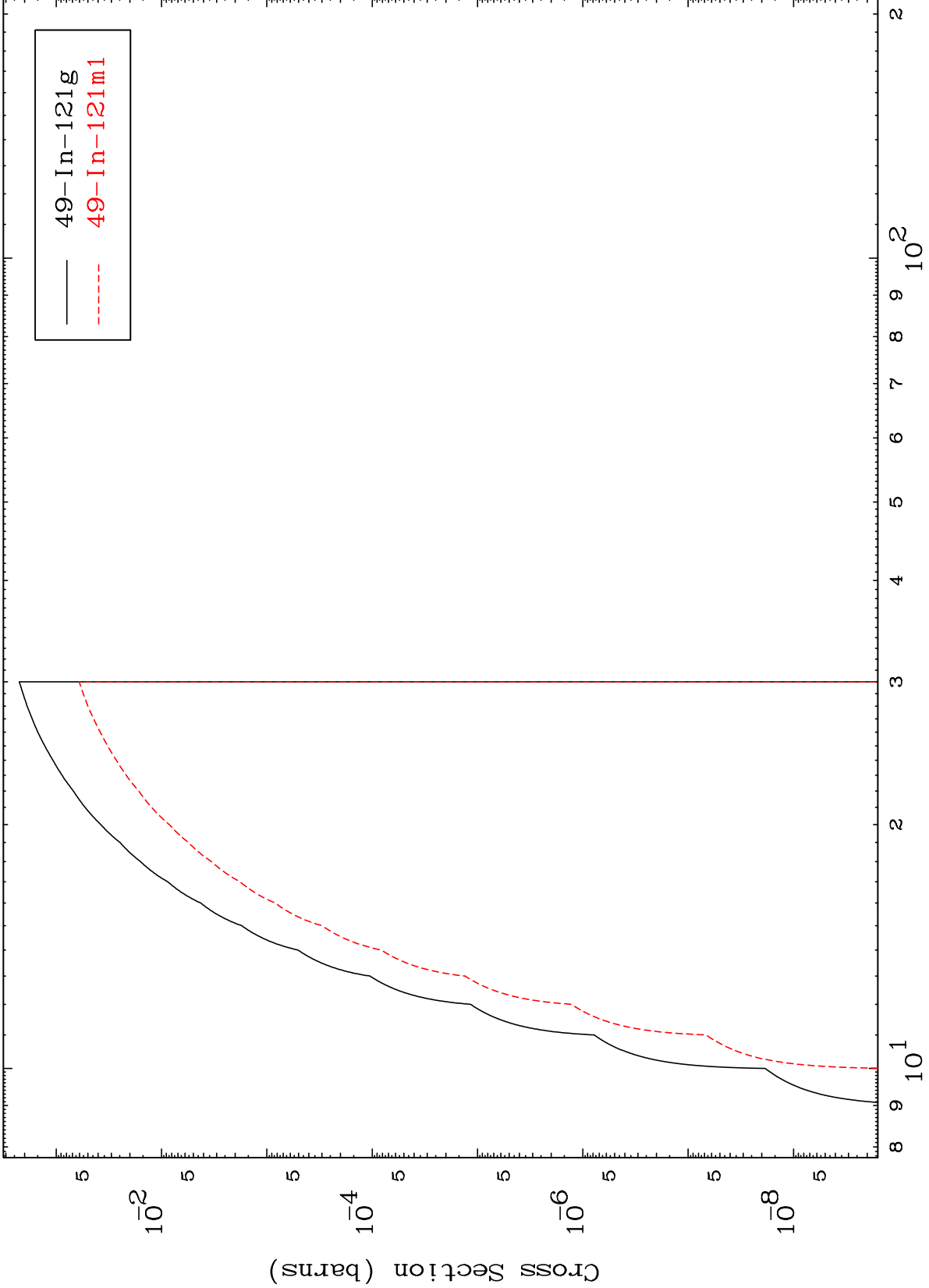


MAT 4953

(n,2n) p

49-In-122m

Radionuclide Production Cross Section

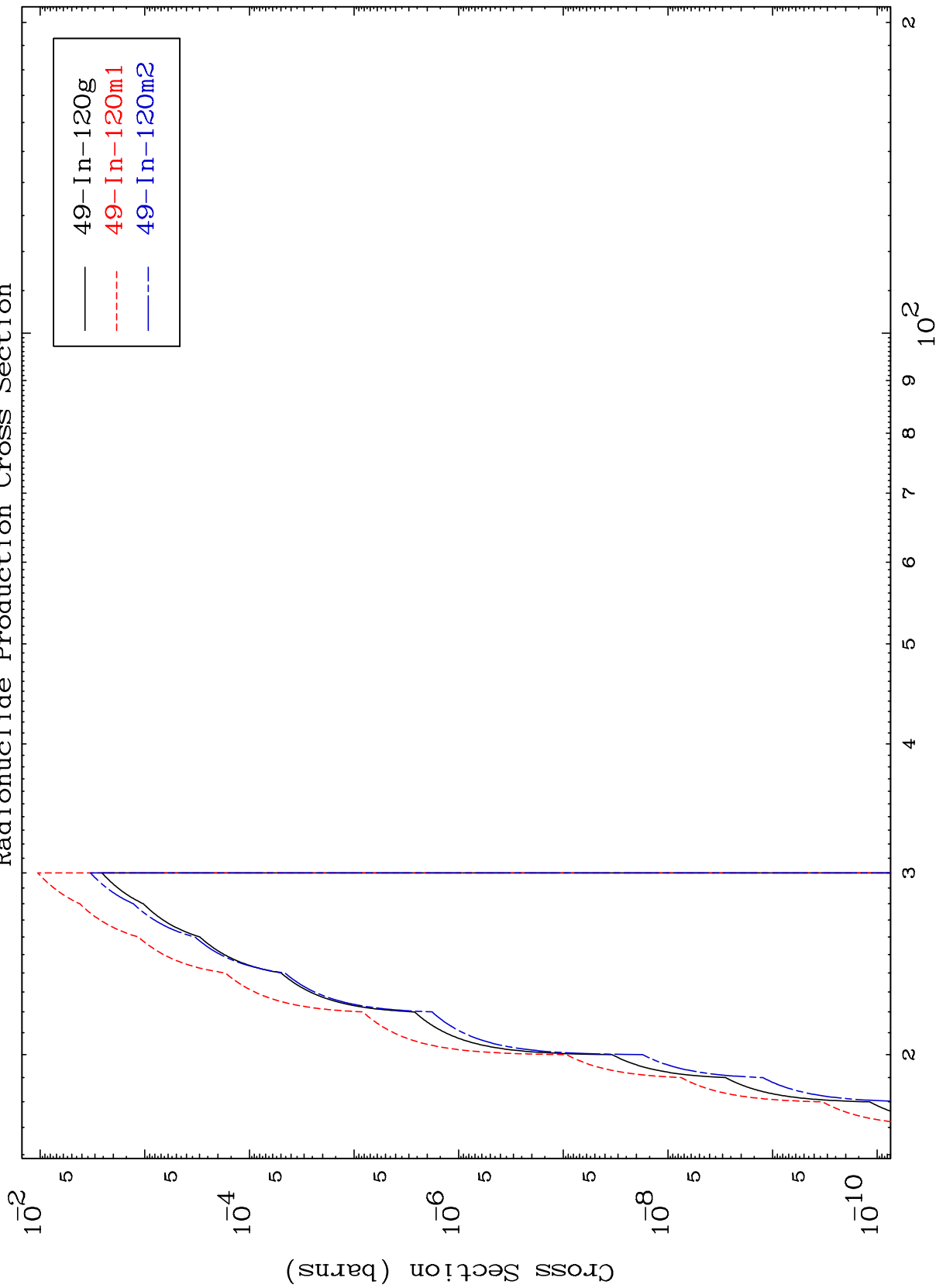


21

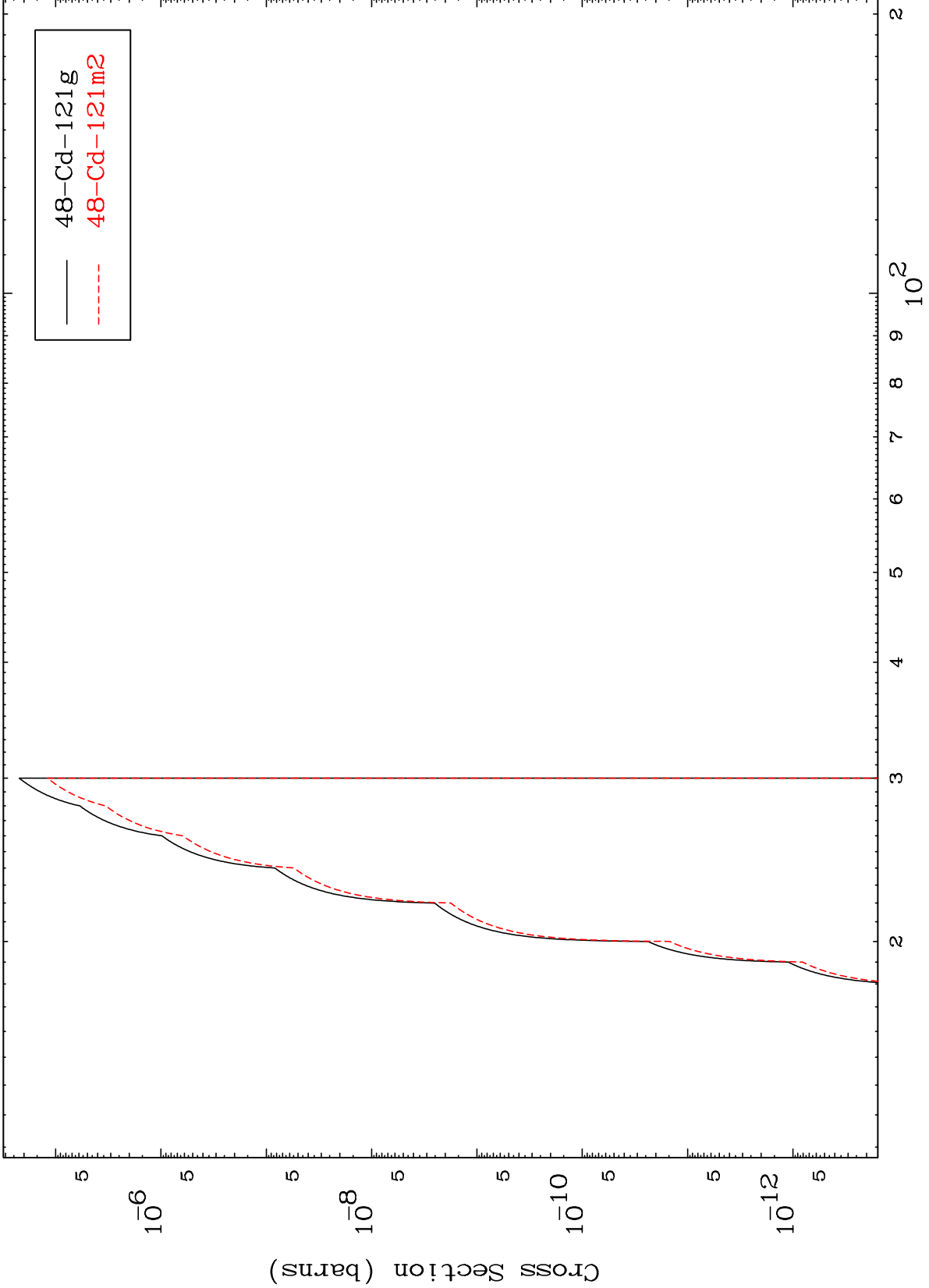
Incident Energy (MeV)

49-In-122m

Radionuclide Production Cross Section



Radionuclide Production Cross Section



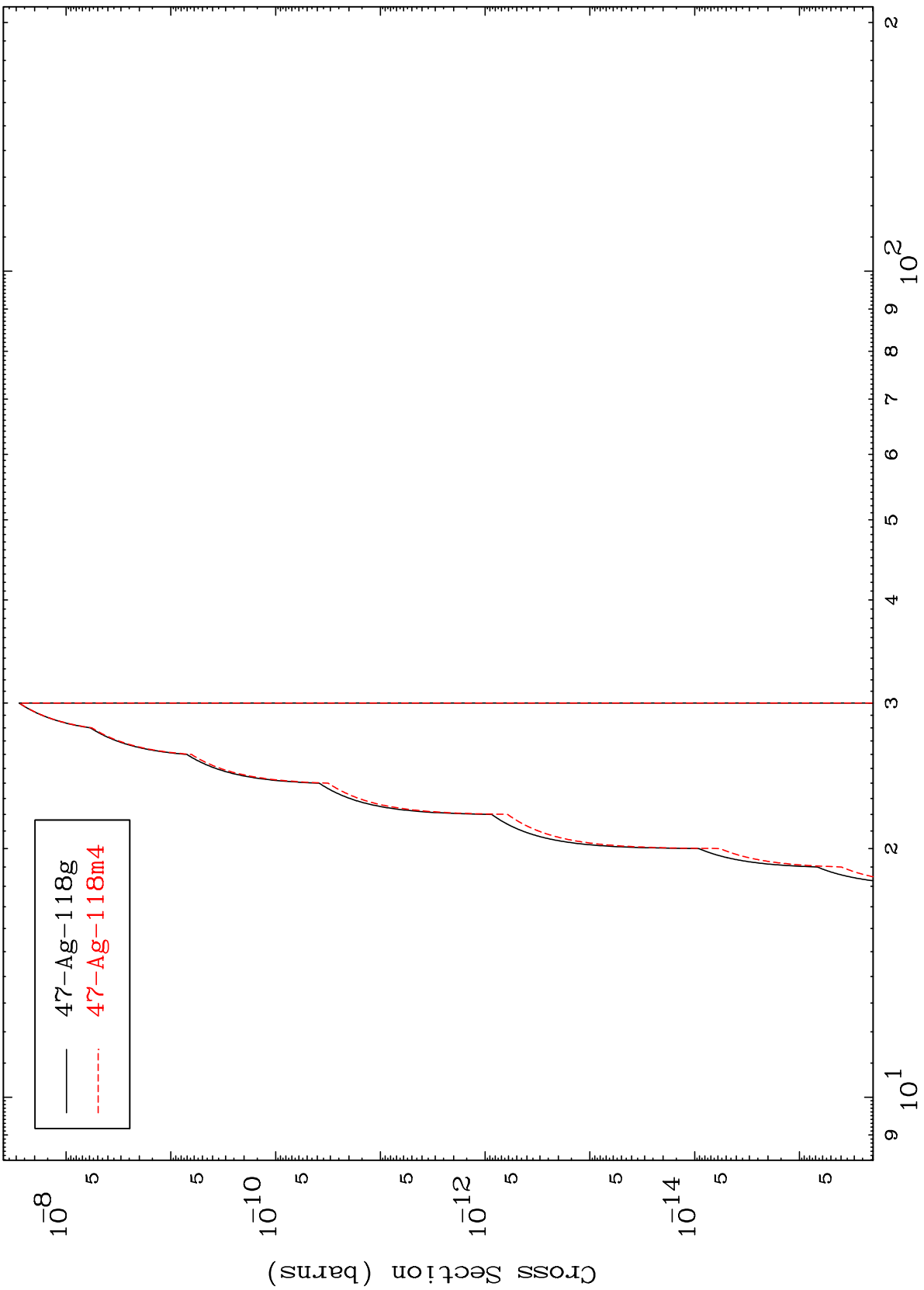


MAT 4953

(n,n') p  $\alpha$

49-In-122m

Radionuclide Production Cross Section



24

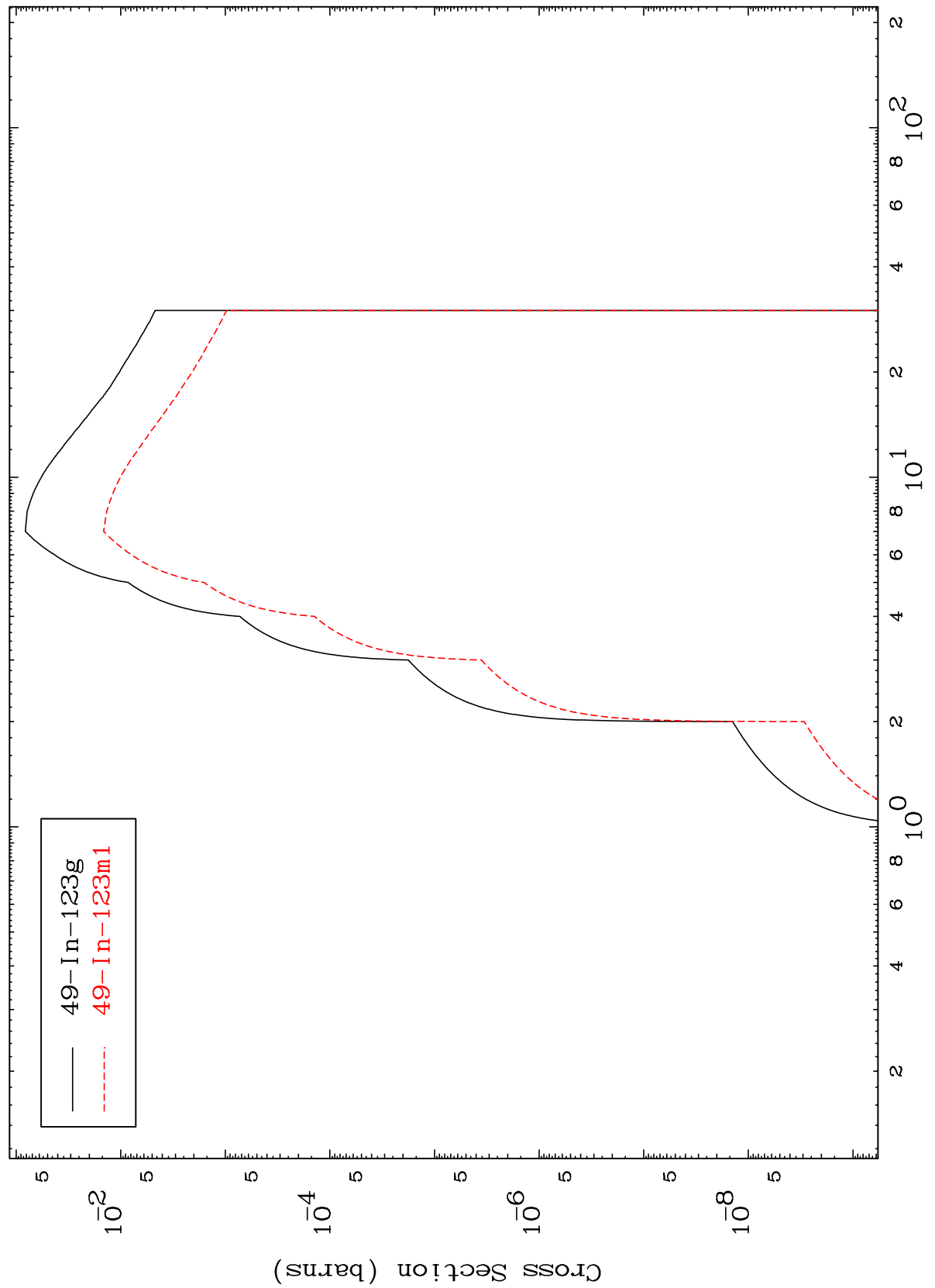
Incident Energy (MeV)

49-In-122m

MAT 4953

49-In-122m

(n,p)  
Radionuclide Production Cross Section



25

49-In-122m

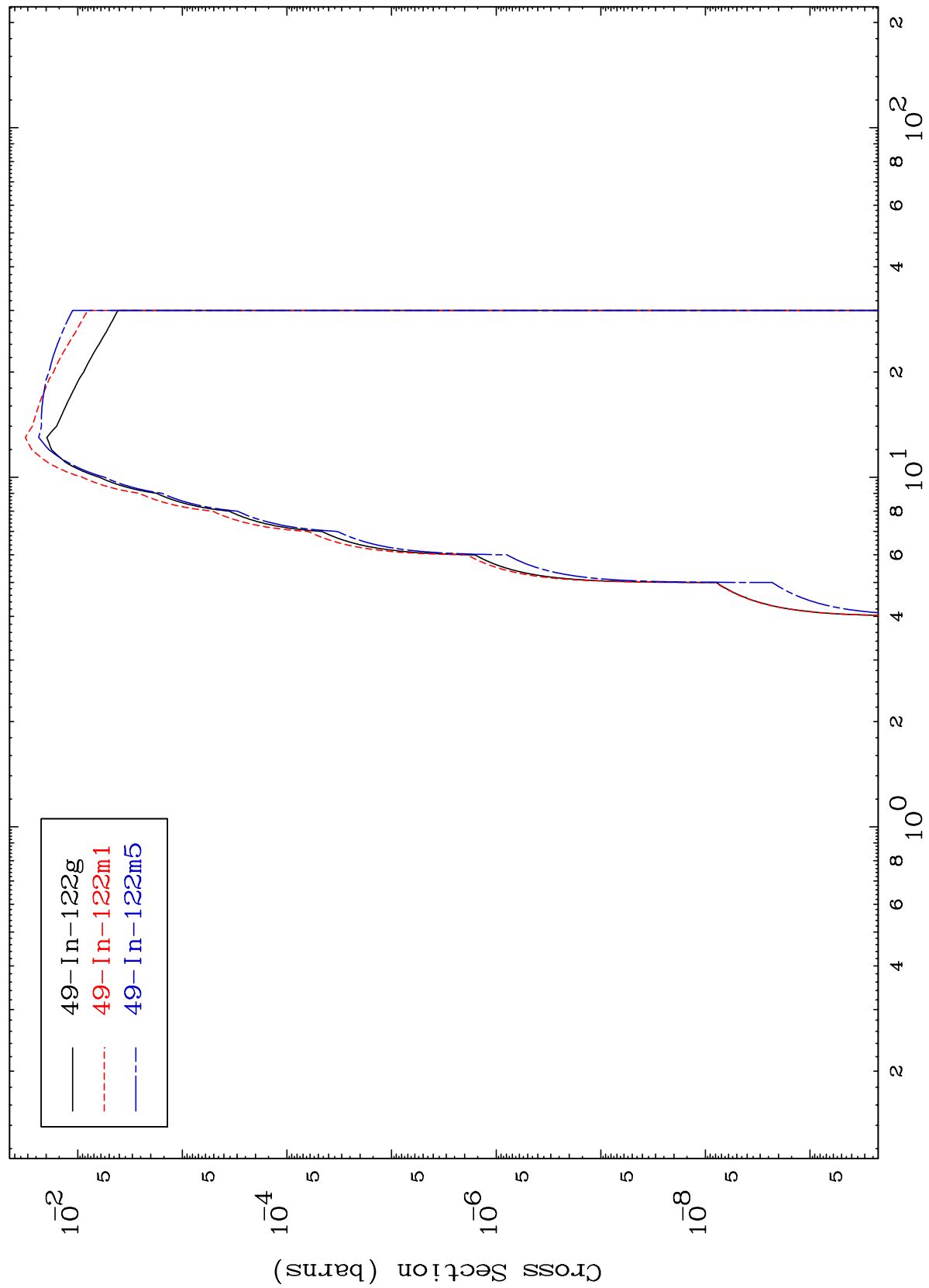
Incident Energy (MeV)

MAT 4953

49-In-122m

(n,d)

Radionuclide Production Cross Section



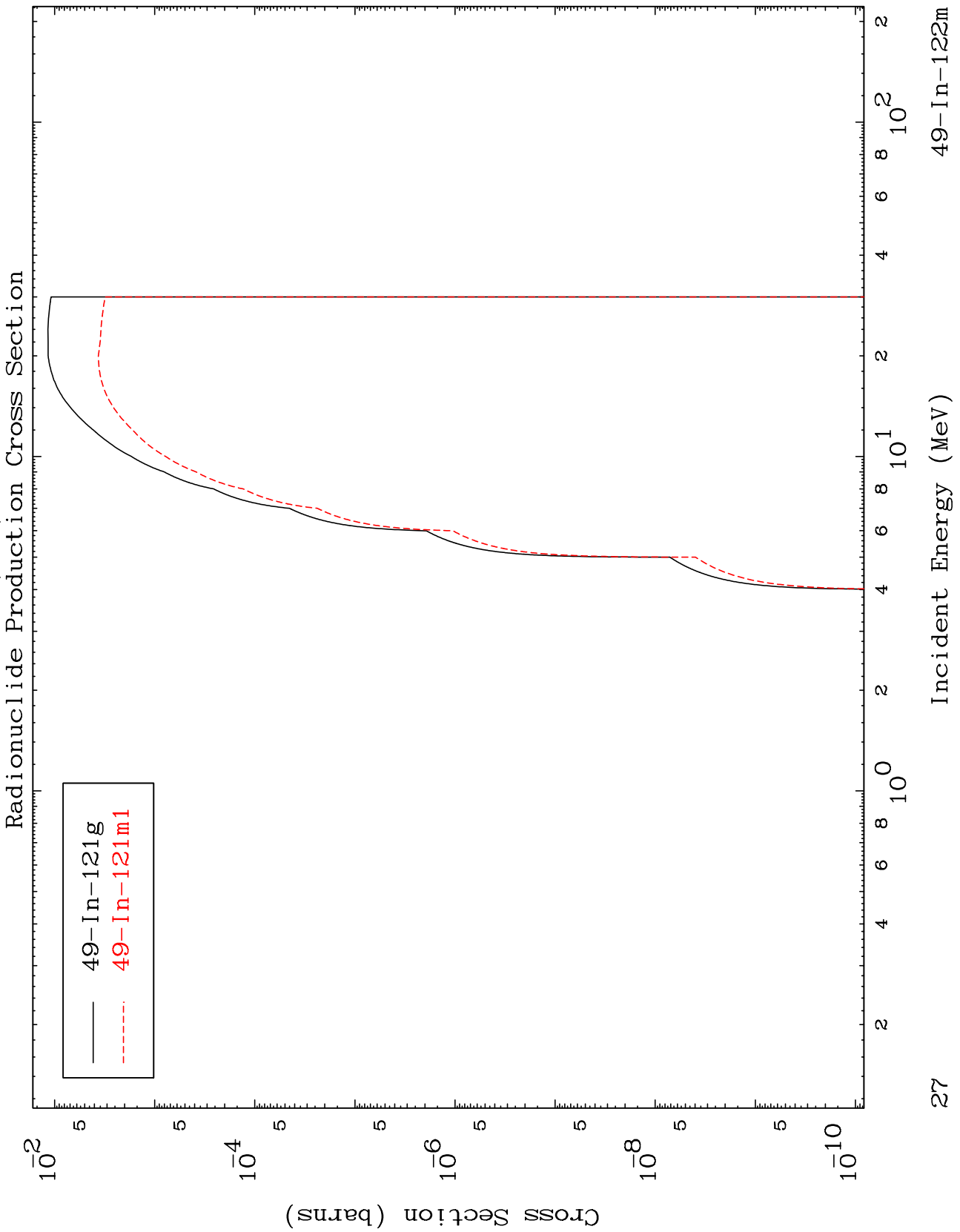
49-In-122m

Incident Energy (MeV)

26

MAT 4953

49-In-122m

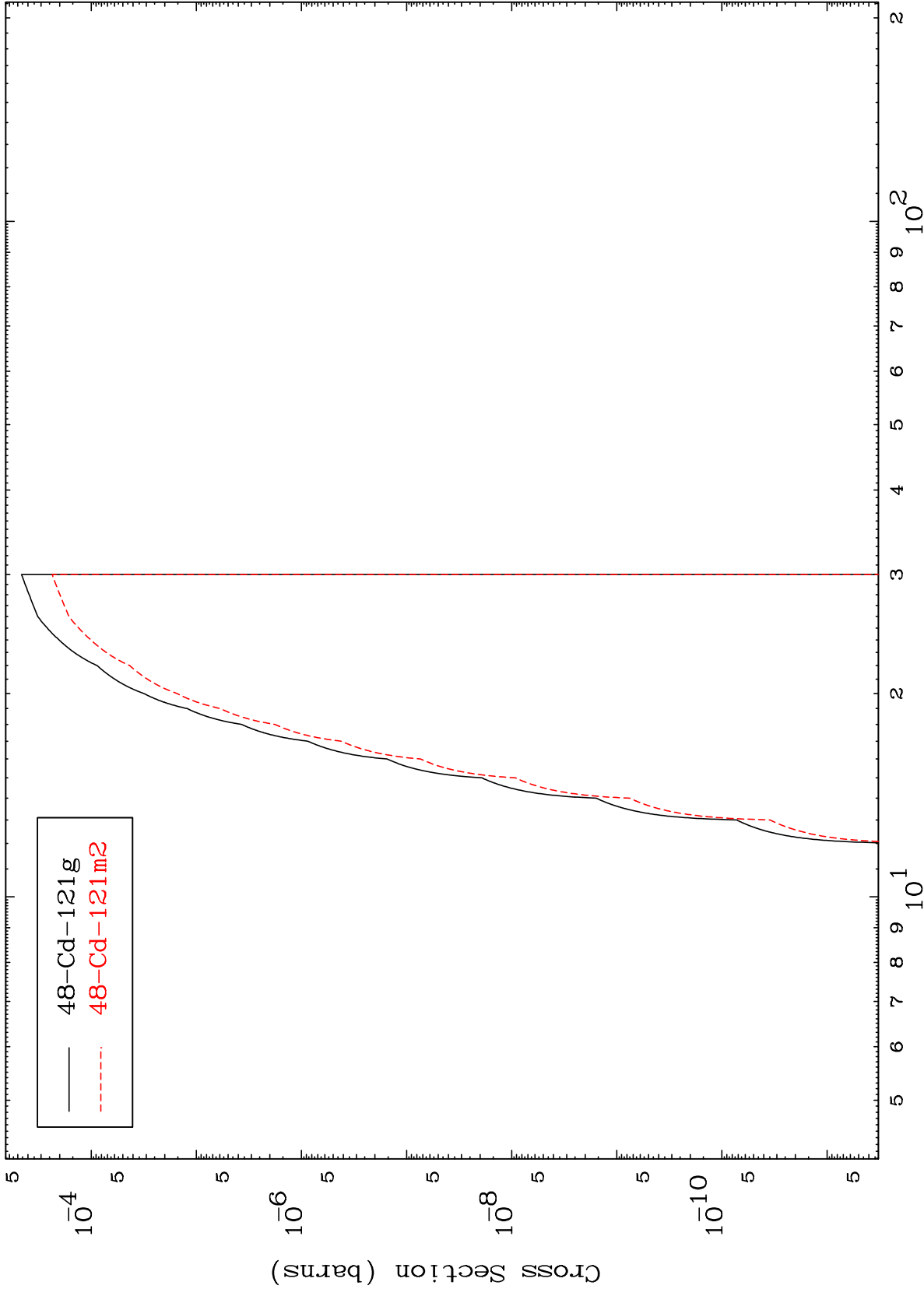


MAT 4953

(n,He-3)

49-In-122m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122m

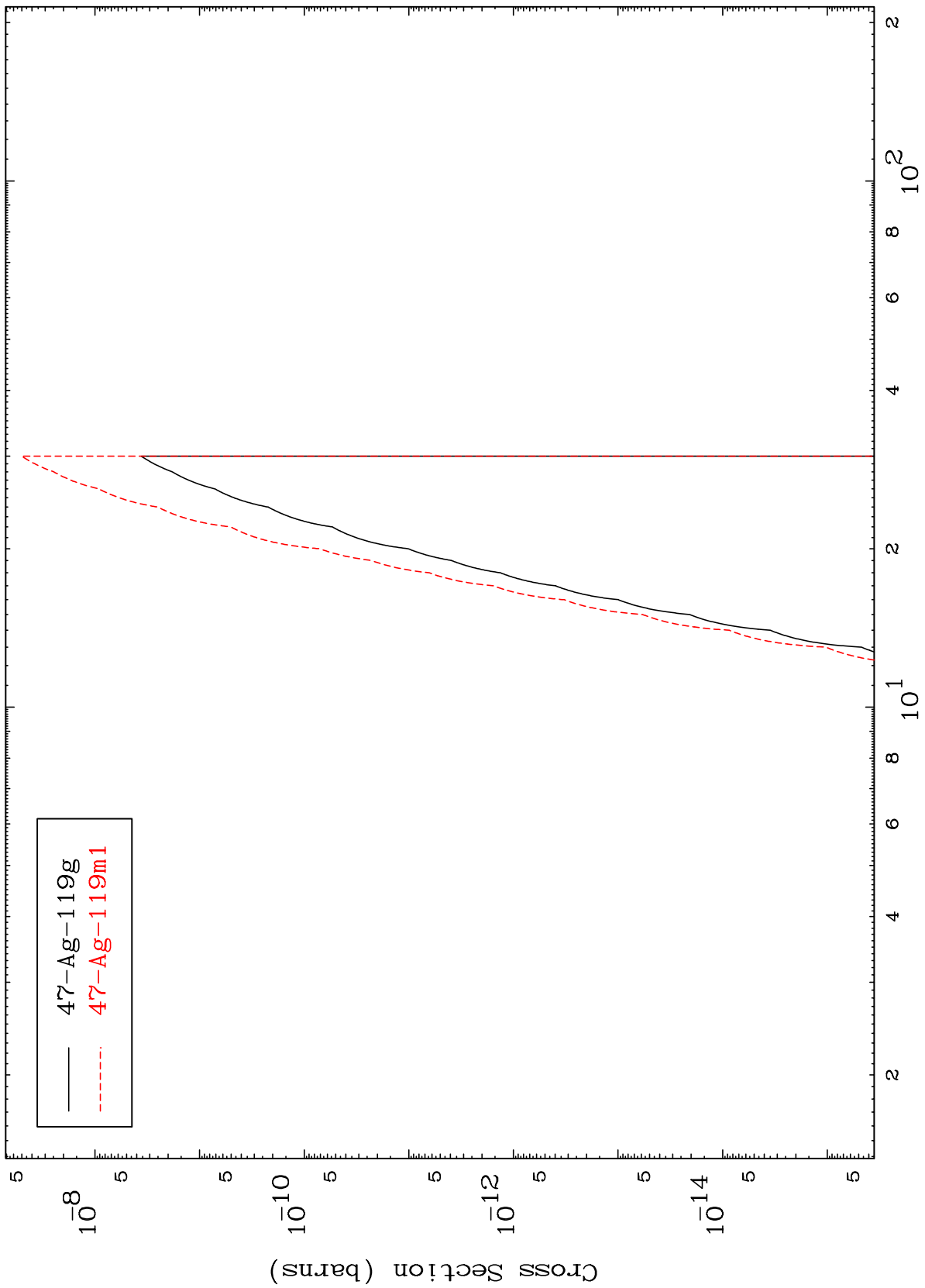
28

MAT 4953

(n,p)  $\alpha$

49-In-122m

Radionuclide Production Cross Section



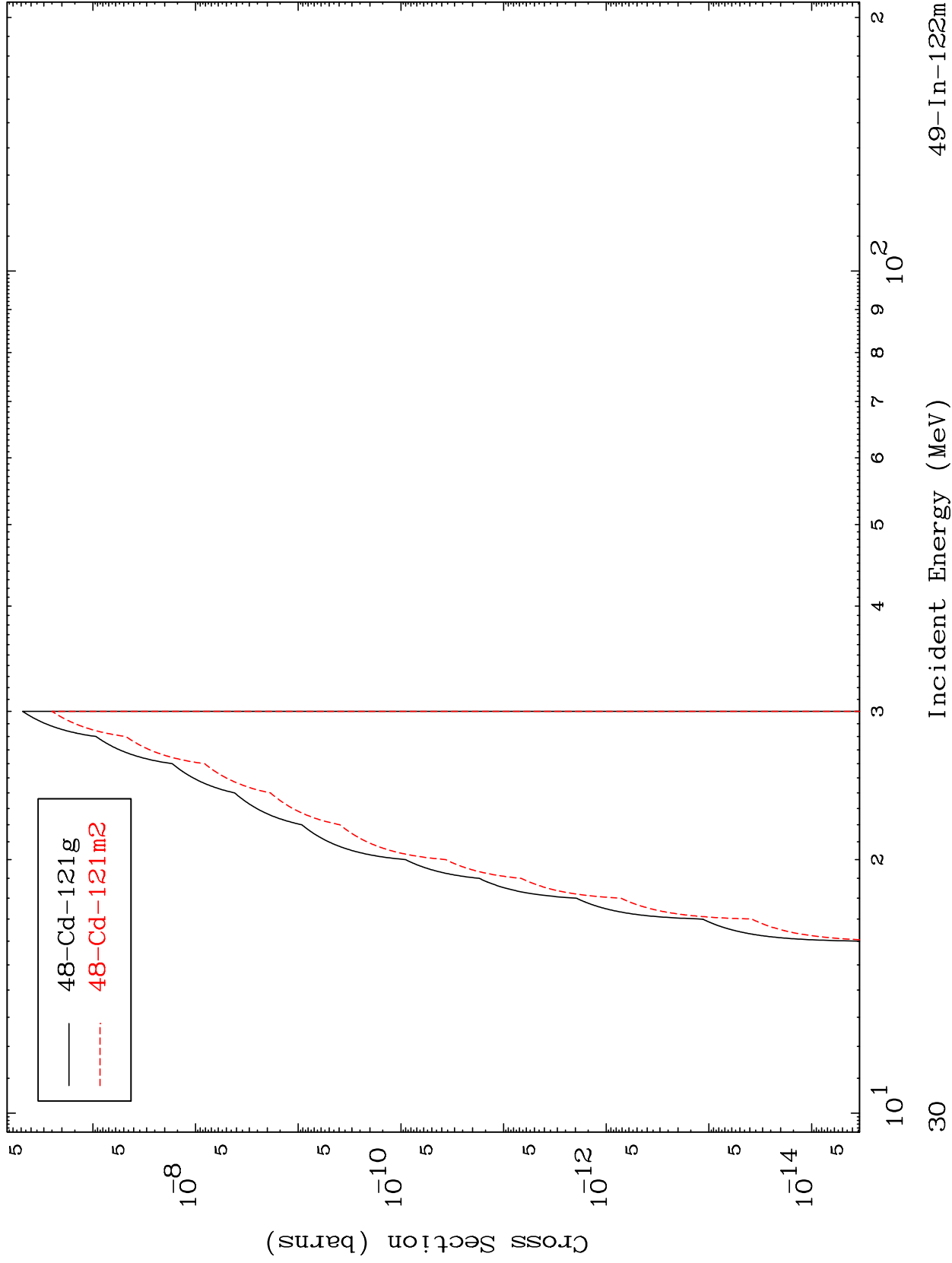
— 47-Ag-119g  
- - - 47-Ag-119m1

MAT 4953

(n,p) d

49-In-122m

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-122m

MAT 4953

(n,d)  $\alpha$

49-In-122m

Radionuclide Production Cross Section

